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An Update of the Statistics of Oceanographic Data based on Hydrographic/CTD Casts made at Stations 7 through 12 along Line P during January 1959 through September 1990

by
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AN UPDATE OF THE STATISTICS OF OCEANOGRAPHIC DATA BASED ON HYDROGRAPHIC/CTD CASTS MADE AT STATIONS 7 THROUGH 12 ALONG LINE P DURING JANUARY 1959 THROUGH SEPTEMBER 1990

by

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ABSTRACT

Tabata, S. and W.E. Weichselbaumer. 1992. An update of the statistics of oceanographic data based on hydrographic/CTD casts made at Stations 7 through 12 along Line P during January 1959 through September 1990. Can. Data Rep. Hydrogr. Ocean Sci. 109:343 pp.

A new set of statistics of hydrographic/CTD data, based on observations made at Stations 7 through 12 along Line P during January 1959 through September 1990, has been compiled. As has been the case for the previous compilation, the statistics (mean, standarad deviation, minimum and maximum values and number of observations) are presented in two main groups. In one, values at each "standard" pressure level (0, 10, 20,..., 4200 decibars) are provided; in the second, information on σ_t-surfaces, at intervals of 0.2 unit (25.0, 25.2, 25.4,..., 27.0) and at finer intervals for water at greater depths, is given. The water properties and parameters considered are: temperature, salinity, dissolved oxygen content (oxyty), depth, σ_t, specific volume anomaly, potential temperature, "potential" specific volume anomaly, dynamic height (relative to the surface and to the 1000-decibar level), potential energy (relative to the surface), sound speed and acceleration potential (relative to the 1000-decibar level). Overall statistics (using all data) and mean monthly values are presented.

key words: North Pacific Ocean, open-ocean time series, hydrographic/CTD data, ocean climatology.

RÉSUMÉ

Tabata, S. and W.E. Weichselbaumer. 1992. An update of the statistics of oceanographic data based on hydrographic/CTD casts made at Stations 7 through 12 during January 1959 through September 1990. Can. Data Rep. Hydrogr. Ocean Sci. 109: 343 pp.

Une nouvelle collection de statistiques des données hydrographiques (CTD), basée sur les observations prises aux stations 7 à 12 le long de la Ligne P pendant la période de janvier 1959 à septembre 1990, a été compilée.

Comme ce fût le cas pour la compilation précédente, les statistiques (moyenne, écart type, valeurs minimum et maximum, et nombre d'observations) sont présentées en deux groupes. L'un donne les valeurs à chaque niveau de pression "standard" (0, 10, 20 ..., 4200 décibars). L'autre fournit des information sur les surfaces de σ_t à des intervalles de 0.2 unité (25.0, 25.2, 25.4 ..., 27.0) et à des intervalles plus rapprochés en eau plus profonde. Les propriétés de l'eau et les paramètres considérés sont: température, salinité, oxygène dissous, profondeur, température potentielle, anomalie spécifique de volume, hauteur dynamique (relative à la surface et au niveau de 1000-décibars) énergie potentielle (relative à la surface), vitesse du son, et potentiel d'accélération (relatif au niveau de 1000-décibars). Les statistiques globales (en utilisant toutes les données) et les valeurs moyennes mensuelles, sont aussi présentées.

Mots-clés: océan Pacifique Nord, séries chronologiques du milieu océanique, données hydrographiques/CTD, climat océanique.

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Abbreviations used:

AES:	Atmospheric Environment Service
Car:	Carolina (USA)
CICESE:	Centro de Investigacion Cientifica Y Educacion Superior de Ensenada (Mex)
CWS:	Canadian Wildlife Service
MEDS:	Marine Environmental Data Service
Mex:	Mexico
NCAR:	National Centre for Atmospheric Research (USA)
OSU:	Oregon State University (USA)
PBS:	Pacific Biological Station
PG:	B.C.: Provincial Government
SIO:	Scripps Institution of Oceanography (USA)
SU:	Soviet Union
s:	student
te:	term employee
TIO:	Third Institute of Oceanography (China)
uc:	under contract
U:	University
UBC:	University of B.C.
UV:	University of Victoria
USA:	United States of America
WHOI:	Woods Hole Oceanographic Institution (USA)

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CSS **W.E. Ricker** (2):	Master:	A.J. Ranger (2)
CFS **Endeavour** (8)	Masters:	S. Bowles (2) W. McMunagle (6)

The number in brackets following a name represents the number of cruises that a person or ship/master made. The affiliations of the observers not connected with the Institute of Ocean Sciences are indicated.

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INTRODUCTION

In recent years the importance of the oceans to global climatic changes has been given much attention and consequently the study of the oceans from this standpoint has been given major consideration in global climate studies. This shift in emphasis has resulted in the need for examining the ocean within a greater time frame than was done previously. However, long ocean time- series data are not readily available except for a small number of areas - Station P and Line P (between the Pacific coast of Canada and Station P) off the Pacific coast of Canada, the CALCOFI lines of stations off California, in the Kuroshio region off Japan, Station S off Bermuda and Station M in the Norwegian Sea.

Although bathythermograph observations were made at 2-hourly intervals or every degree of longitude (approximately 72 kilometres) along Line P from July 1952 (Pacific Oceanographic Group, 1957), regular oceanographic stations along Line P were not established until January 1959. To date there is a little more than 30 years of oceanographic data available for the Line. The 12 stations along Line are shown in Figure 1. The program of observations for the Line has changed from time to time as indicated in Table 1. It has been occupied at regular intervals of approximately 6 weeks while the weatherships were in service; however, with their withdrawals in June 1981 it has been occupied at much less interval, usually 3 to 4 times per year. Since this date the number of stations along the Line for each cruise has doubled that of the previous period. Most of these stations lie midway between those shown in Figure 1. It is of interest to note that while only data from one cast were available for each station for November during the previous period, several are accessible after June 1981.

The statistics of representative oceanographic data for Station P and Line P, based on observations made during August 1956 through June 1981 by Canadian weatherships have been published previously (Tabata and Peart, 1985a; 1985b; 1986). The corresponding updated ones for Station P and Stations 1 through 6 of Line P were published, respectively, just recently (Tabata and Weichselbaumer, 1992a; 1992b). The present report is a compilation of statistics for Stations 7 through 12 of the Line reported earlier in 1986 (Tabata and Peart, 1986).

DATA RECORD

The original physical oceanographic data, both raw and derived quantities, are kept on file at the Institute of Ocean Sciences. A copy of the raw data is archived at the Marine Environmental Data Services Branch of the Department of Fisheries and Oceans of Canada (1202-200 Kent Street, Ottawa, Ontario, Canada, K1A-0E6). They are based on hydrographic and CTD casts made along 6 stations on Line P during January 1959 through September 1990. Not all the data archived have been used in the compilation of statistics. Firstly, only the observations made within 15 kilometres of the designated positions (Table 2) were utilised. Secondly, data determined by us to be of questionable quality have been removed from the set before analysis. They were "edited" out during the initial stage of data-processing, that is, before the data were processed for archiving. Such "erroneous"

data may consist of, in the case of hydrographic casts, values of temperature, salinity and dissolved oxygen content at depth which exceeded 2 times the standard deviation of the corresponding cruise mean (determined over observations during the 6-week period). When the period was short, say over few to several days, values that exceeded 3 times the standard deviation of the corresponding long-term mean were not considered. Usually, the errors were attributed to leaking sampling bottles and were detected by use of the temperature-salinity-oxygen relationship. For CTD casts deleted data would include values that suffered from a consistent shift in the temperature/salinity distribution with depth. Such a shift was attributable to the drift in the CTD system.

STATISTICS

The statistics presented here are the derived physical oceanographic data ata each "standard" pressure level (0, 10, 20,...,4200 decibars) and on selected σ_t-surfaces at 0.2 intervals (24.0, 24.2, 24.4, ...,27.0) and at smaller interval for water at greater depths. The properties and parameters of water selected for compilation are: temperature, salinity, oxyty, σ_t, specific volume anomaly, potential temperature, "potential" specific volume anomaly, dynamic height relative to the surface and 1000-decibar level, potential energy relative to the surface, sound speed, depth of O surfaces and acceleration potential relative to the 1000-decibar surface. For each parameter the mean, standard deviation, maximum and minimum values, and number of observations are tabulated.

Statistics based on all data (not on 12 mean monthly values), as well as mean monthly values are presented. The abbreviations and units of variables used are given in Table 3.

It is to be noted that for low σ_t values (<26.2) the statistics for water properties or parameters using all data do not necessarily reflect the true statiastical character of the water. The reason for this lis that during winter the upper layers of the ocean invariably attain a density sufficiently highl that water with less than 26.2 no longer exists.

Unlike the statistics derived for Station P data which are based on observations taken regularly over the 34-year period, those for some of the stations along Line P are biased because of gaps in their time-series record. For instance, there are no data data available at Stations 1 and 2 for 4 years (1960 through 1963). Very few data are available for the entire Line during mid-1966 to mid-1968.

As mentioned earlier the number of stations along Line P has doubled since June 1981. With only 9 years of records the resulting statistics may not be meaningful. As a result although they have been calculated and are available at the Institute they are not published.

REFERENCES

Pacific Oceanographic Group, 1957. Data record, 1956, Ocean Weather Statiion "Papa" (Latitude 50 00' N., Longitude 145 00' W.). Manuscript Report, Joint Committee on Oceanography, Fisheries Res. Bd. Canada, Nanaimo, B.C., 122 pp.

Tabata, S. and J.L. Peart. 1985a. Statistics of oceanographic data based on hydrograhic/STD casts made at Ocean Station P during August 1956 through June 1981. Canadian Data Report of Hydrography and Ocean Sciences No. 31, 133 pp.

Tabata, S. and J.L. Peart. 1985b. Statistics of oceangraphic data based on hydrographic/STD casts made at Stations 1 through 6 along Line P during January 1959 through June 1981. Canadian Data Report of Hydrography and Ocean Sciences No. 38, 447 pp.

Tabata, S. and J.L. Peart. 1986. Statistics of oceanographic data based on hydrographic/STD casts made at Stations 7 through 12 along Line P during January 1959 through June 1981. Canadian Data Report of Hydrography and Ocean Sciences No. 43, 402 pp.

Tabata, S. and W.E. Weichselbaumer. 1992a. An update of hydrographic/CTD data taken at Ocean Station P (May 1956 -September 1990). Canadian Data Report of Hydrography and Ocean Sciences No. 107, 71 pp.

Tabata, S. and W.E. Weichselbaumer. 1992b. An update of hydrographic/CTD data taken at Stations 1 through 6 along Line P during January 1959 through September 1990. Canadian Data Report of Hydrography and Ocean Sciences No. 108, 319 pp.

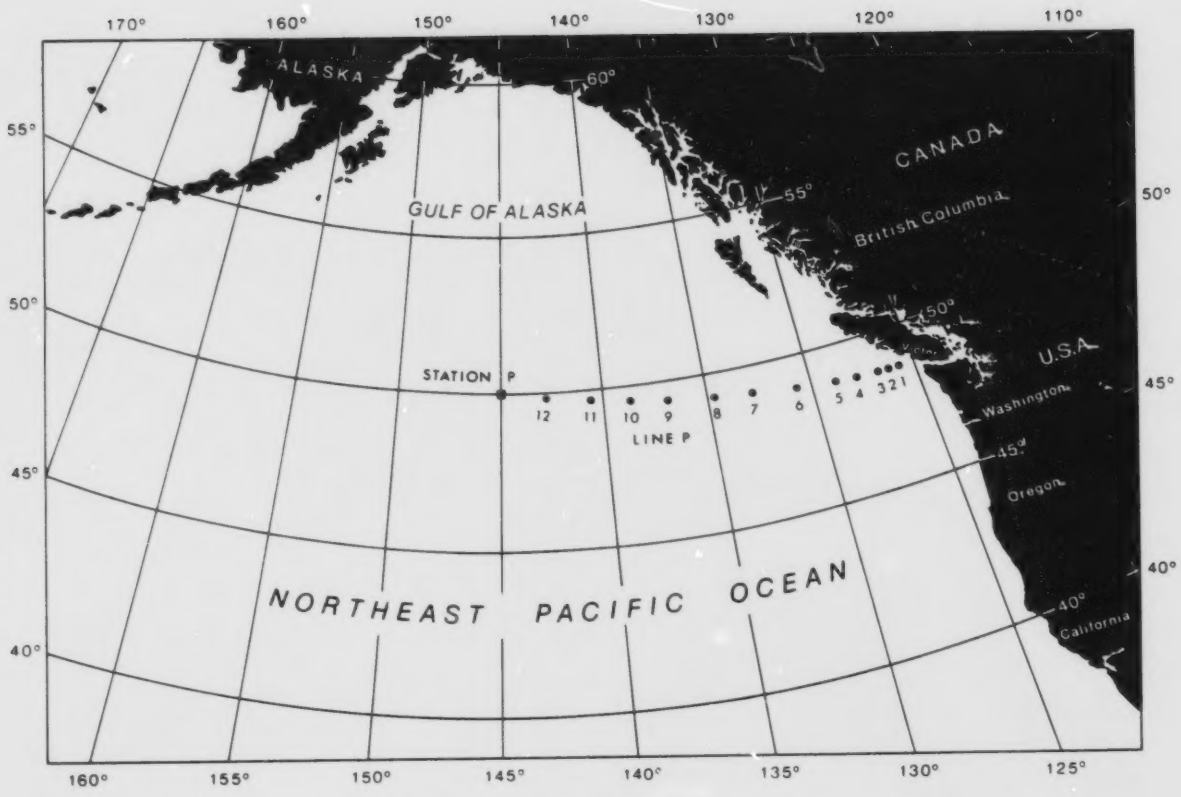

Figure 1. Location of Ocean Station P and Line P in the northeast Pacific Ocean

Table. 1	A summary of oceanographic programs at Station P and Line P
December 1949	Occupation of Station P began. Station operated by U.S. Weather Bureau with vessels manned by U.S. Coast Guard. Bathythermograph casts started immediately and continued until November 1950.
December 1950	Occupation of Station P by Canadian weathership commenced.
July 1952	Twice-daily bathythermograph casts initiated and continued to June 1981.
July 1956	Oceanographic observations including hydrographic casts to maximum depth of 1200 metres (m), plankton hauls, etc. commenced. They were scheduled for one of the two weatherships and provide data through alternate six-week periods. The maximum was increased to 2000 m later but only in a few instances did the cast reach 2000 m during 1957 through 1959. However, one cast to 3000 m was recorded in 1957. Note that University of Washington obtained hydrographic casts to maximum depth of approximately 3500 m, 2500 m and 1000 m in May, June and July, respectively.
April 1959	Hydrographic casts at 5 stations along Line P initiated. However, a line of stations here was occupied by CNAV Oshawa in January 1959.
March 1959	Maximum depth of hydrographic casts at Station P increased to 4200 m.
May 1960	Positions of Line P stations altered.
February 1962	Number of stations along Line P increased to maximum of 10.
August 1964	Two more stations added to Line P.
April 1967	New weathership, CCGS Vancouver, replaced CCGS St. Catharines.
October 1967	Second, new weathership, CCGS Quadra, replaced CCGS Stonetown.
January 1969	Both weatherships commenced regular oceanographic observations.
April 1969	Bissett-Berman STD used for the first time. From this time onward both STD (or CTD), as well as hydrographic casts, were made.
April-October 1974	CSS Parizeau replaced CCGS Quadra while the latter was occupied with GATE program.
August 1974	Guildline CTD introduced to make observations.
August 1978	Plessey STD (previously called Bissett-Berman STD) used for the last time.
June 1981	Final series of observations made by the weathership (CCGS Quadra).
August 1981	From this month onward observations continued at Station P and Line P at intervals of 3-6 times per year. Number of stations along the line doubled.

Table 2. Particulars of oceanographic stations along Line P

Station Number Old	Station Number New	Latitude (x°'N)	Longitude (x°'W)	Depth (m)	Distance between stations (km)	Remarks
1	P01	48 34.5	125 30.0	120	37	on continental shelf 32 km from nearest shore
2	P02	48 36.0	126 00.0	114	49	on continental shelf 48 km from nearest shore
3	P04	48 39.0	126 40.0	1300	74	on continental slope 74 km from nearest shore
4	P06	48 44.6	127 40.0	2500	73	edge of continental slope 109 km from nearest shore
5	P08	48 49.0	128 40.0	2440	147	154 km from nearest shore
6	P12	48 58.2	130 40.0	3300	146	233 km from nearest shore
7	P14	49 07.4	132 40.0	3275	145	
8	P16	49 17.0	134 40.0	3550	145	
9	P18	49 26.0	136 40.0	3775	145	
10	P20	49 34.0	138 40.0	3890	144	
11	P22	49 42.0	140 40.0	3880	144	
12	P24	49 50.2	142 40.0	3910	167	
P	P26	50 00.0	145 00.0	4200		Station Papa

Table 3	Abbreviations and units
CTD	conductivity-temperature-depth recorder formerly called salinity-temperature-depth recorder (STD)
S.D.	standard deviation
MAX	maximum
MIN	minimum
N	number of observations
PRESS	pressure, in decibars (db)
TEMPERATURE	in Celcius
SALINITY	in parts per thousand - $^{o}/oo$
SIGMA T	specific gravity anomaly = $\sigma_t = (\rho T.S,0 - 1)10^3$, where $\rho T,S.0$ = in-situ specific gravity of seawater at pressure = 0 (i.e. at the sea surface)
OXYGEN	oxyty or dissolved oxygen content, in mL L^{-1}
SVA	specific volume anomaly ($10^5\delta$), in 10^5 mL g^{-1}
DEPTH	in metres
THETA	potential temperature, in °Celsius
SVA (THETA)	specific volume anomaly based on potential temperature, in 10^5 mL g^{-1}
DELTA D	dynamic height relative to sea surface, in J kg^{-1} (J = Joules)
DELTA-DH	dynamic height relative to 1000-db surface in J kg^{-1}
POT. ENERGY	potential energy relative to sea surface, in 10^8 ergs cm^{-2}
SOUND	sound speed, in m s^{-1}
ACC. POT.	acceleration potential relative to 1000-db surface, in J kg^{-1}.

Table 4. Statistics of TEMPERATURE, SALINITY, SIGMA T, SVA, THETA, SVA (THETA), DELTA D, POT. ENERGY, OXYGEN, SOUND and DELTA DH at standard pressures, using all data, for Station 7 (P14).

Table 4: STATION MP14 A L L D A T A (JANUARY–DECEMBER) 1956 to 1990

TEMPERATURE

PRESS	MEAN	S.D.	MAX	MIN	N
0	10.71	3.139	17.50	5.77	181
10	10.63	3.103	17.18	5.64	181
20	10.42	2.953	16.75	5.62	181
30	9.81	2.428	15.95	5.60	181
50	8.47	1.450	14.13	5.59	181
75	7.49	.883	11.13	5.59	181
100	6.87	.634	8.99	5.43	181
125	6.52	.453	7.87	5.31	181
150	6.35	.391	7.85	5.31	181
175	6.17	.372	7.52	5.31	181
200	5.92	.387	7.37	4.88	181
225	5.65	.387	7.20	4.81	181
250	5.39	.380	7.06	4.56	181
300	4.97	.355	6.76	4.19	181
400	4.44	.251	5.51	3.90	175
500	4.14	.195	4.97	3.72	156
600	3.90	.149	4.57	3.61	156
700	3.69	.125	4.30	3.45	155
800	3.49	.101	3.97	3.26	155
900	3.29	.082	3.70	3.10	155
1000	3.11	.075	3.49	2.92	155
1200	2.76	.057	2.98	2.64	149
1500	2.37	.045	2.51	2.27	98
2000	1.93	.035	2.02	1.88	30
2500	1.74	.031	1.79	1.70	6
3000	1.64	.000	1.64	1.64	4

SALINITY

MEAN	S.D.	MAX	MIN	N
32.464	.1370	32.772	31.988	181
32.458	.1310	32.750	31.985	181
32.462	.1274	32.760	31.994	181
32.482	.1123	32.760	32.017	181
32.524	.0909	32.840	32.270	181
32.604	.1042	33.142	32.390	181
32.827	.2069	33.537	32.471	181
33.239	.2225	33.736	32.715	181
33.588	.1384	33.860	33.190	181
33.763	.0797	33.925	33.443	181
33.834	.0504	33.950	33.676	181
33.859	.0429	33.975	33.725	181
33.877	.0391	34.017	33.767	181
33.906	.0364	34.020	33.809	181
33.989	.0328	34.092	33.901	175
34.077	.0299	34.140	33.974	156
34.157	.0259	34.217	34.087	156
34.226	.0234	34.289	34.138	155
34.285	.0233	34.333	34.160	155
34.333	.0232	34.379	34.185	155
34.373	.0222	34.412	34.220	155
34.436	.0200	34.484	34.367	149
34.507	.0199	34.576	34.449	98
34.590	.0155	34.629	34.560	30
34.624	.0164	34.652	34.599	6
34.648	.0193	34.668	34.622	4

SIGMA T

PRESS	MEAN	S.D.	MAX	MIN	N
0	24.827	.6194	25.677	23.455	181
10	24.838	.6109	25.677	23.505	181
20	24.881	.5719	25.677	23.534	181
30	25.013	.4503	25.684	23.571	181
50	25.276	.2477	25.704	24.296	181
75	25.486	.1431	25.874	24.963	181
100	25.747	.1716	26.342	25.352	181
125	26.119	.1651	26.490	25.609	181
150	26.416	.1021	26.621	26.113	181
175	26.576	.0660	26.700	26.328	181
200	26.664	.0493	26.764	26.482	181
225	26.717	.0424	26.798	26.533	181
250	26.762	.0382	26.841	26.562	181
300	26.834	.0366	26.921	26.622	181
400	26.959	.0319	27.042	26.819	175
500	27.060	.0311	27.131	26.938	156
600	27.148	.0268	27.210	27.045	156
700	27.225	.0237	27.283	27.129	155
800	27.291	.0218	27.339	27.187	155
900	27.348	.0205	27.388	27.223	155
1000	27.398	.0203	27.431	27.257	155
1200	27.479	.0181	27.517	27.418	149
1500	27.569	.0173	27.626	27.513	98
2000	27.671	.0132	27.703	27.647	30
2500	27.713	.0143	27.735	27.695	6
3000	27.739	.0157	27.756	27.719	4

SVA

MEAN	S.D.	MAX	MIN	N
313.2	59.00	444.0	232.3	181
312.4	58.23	439.4	232.4	181
308.4	54.56	436.9	232.5	181
296.0	42.99	433.6	232.0	181
271.2	23.70	365.0	230.3	181
251.5	13.70	301.6	214.7	181
226.9	16.33	264.7	170.4	181
191.9	15.64	240.5	156.6	181
164.0	9.68	192.7	144.6	181
149.2	6.31	172.6	137.3	181
141.1	4.78	158.7	131.3	181
136.2	4.16	154.4	128.4	181
132.1	3.78	151.9	124.3	181
125.6	3.65	146.9	116.8	181
114.3	3.16	128.5	106.2	175
105.4	3.08	117.8	98.5	156
97.7	2.65	108.3	91.7	156
91.0	2.37	100.8	85.1	155
85.2	2.15	95.0	80.3	155
80.1	2.00	92.0	76.4	155
75.8	2.01	89.4	72.4	155
68.5	1.74	74.4	65.0	149
60.4	1.66	66.0	55.1	98
51.3	1.27	53.5	48.3	30
48.2	1.27	49.8	46.2	6
46.7	1.37	48.5	45.3	4

THETA

PRESS	MEAN	S.D.	MAX	MIN	N
0	10.71	3.139	17.50	5.77	181
10	10.63	3.103	17.18	5.64	181
20	10.42	2.953	16.75	5.62	181
30	9.81	2.427	15.95	5.60	181
50	8.46	1.447	14.12	5.59	181
75	7.48	.883	11.13	5.59	181
100	6.86	.634	8.98	5.42	181
125	6.51	.452	7.86	5.30	181
150	6.33	.391	7.84	5.50	181
175	6.16	.372	7.51	5.30	181
200	5.90	.386	7.35	4.87	181
225	5.63	.387	7.18	4.79	181
250	5.37	.380	7.04	4.54	181
300	4.95	.354	6.74	4.17	181
400	4.41	.251	5.48	3.87	175
500	4.10	.194	4.93	3.68	156
600	3.86	.148	4.52	3.57	156
700	3.64	.124	4.24	3.40	155
800	3.44	.100	3.91	3.21	155
900	3.23	.081	3.63	3.04	155
1000	3.04	.074	3.41	2.85	155
1200	2.68	.056	2.89	2.56	149
1500	2.27	.044	2.41	2.17	98
2000	1.79	.035	1.88	1.74	30
2500	1.56	.029	1.61	1.53	6
3000	1.42	.005	1.42	1.41	4

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
313.2	59.00	444.0	232.3	181
312.1	58.18	439.1	232.2	181
308.0	54.45	436.3	232.2	181
295.4	42.85	432.7	231.6	181
270.4	23.55	363.6	229.7	181
250.3	13.59	300.0	213.5	181
225.5	16.30	263.1	169.0	181
190.2	15.68	238.6	154.9	181
161.9	9.69	190.7	142.5	181
146.7	6.25	170.2	135.0	181
138.4	4.66	155.6	128.8	181
133.3	4.01	150.6	125.7	181
129.0	3.62	147.9	121.5	181
122.2	3.46	142.2	113.9	181
110.2	3.02	123.4	102.4	175
100.6	2.94	112.1	93.9	156
92.2	2.53	101.9	86.3	156
84.9	2.25	94.0	79.4	155
78.6	2.06	88.5	74.0	155
73.1	1.94	85.0	69.4	155
68.4	1.92	81.7	65.2	155
60.6	1.69	66.4	57.0	149
51.9	1.63	57.2	46.5	98
42.1	1.25	44.4	39.1	30
37.9	1.31	39.6	35.8	6
35.1	1.50	37.0	33.5	4

STATION MP14 A L L D A T A (JANUARY-DECEMBER) 1956 to 1990

DELTA D

PRESS	MEAN	S.D.	MAX	MIN	N
0	.000	.0000	.000	.000	181
10	.313	.0587	.440	.230	181
20	.525	.1159	.880	.460	181
30	.929	.1638	1.310	.700	181
50	1.496	.2165	2.030	1.160	181
75	2.152	.2398	2.770	1.740	181
100	2.749	.2470	3.410	2.260	181
125	3.273	.2597	4.000	2.670	181
150	3.715	.2726	4.510	3.060	181
175	4.105	.2810	4.910	3.420	181
200	4.466	.2863	5.260	3.780	181
225	4.813	.2900	5.610	4.110	181
250	5.148	.2930	5.940	4.430	181
300	5.791	.3000	6.580	5.040	181
400	6.991	.3109	7.780	6.250	175
500	8.087	.3242	8.920	7.290	156
600	9.101	.3375	9.970	8.250	156
700	10.046	.3495	10.950	9.150	155
800	10.926	.3609	11.870	9.970	155
900	11.753	.3706	12.720	10.760	155
1000	12.531	.3802	13.530	11.510	155
1200	13.968	.4047	15.060	12.890	149
1500	15.903	.4479	17.090	14.760	98
2000	18.830	.3520	19.510	18.020	30
2500	21.385	.2746	21.880	21.130	6
3000	23.827	.3612	24.330	23.490	4

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.00	.000	.00	.00	181
.02	.005	.02	.01	181
.06	.013	.09	.05	181
.14	.024	.20	.11	181
.37	.046	.49	.30	181
.79	.066	1.00	.66	181
1.32	.079	1.60	1.11	181
1.92	.106	2.30	1.58	181
2.54	.136	3.00	2.11	181
3.18	.157	3.66	2.72	181
3.88	.173	4.34	3.40	181
4.63	.187	5.09	4.10	181
5.44	.201	5.96	4.87	181
7.24	.235	7.88	6.59	181
11.51	.316	12.52	10.71	175
16.53	.433	18.16	15.41	156
22.21	.567	24.52	20.74	156
28.46	.709	31.43	26.57	155
35.19	.851	38.80	32.89	155
42.34	1.003	46.51	39.70	155
49.88	1.161	54.64	46.97	155
65.99	1.542	72.17	62.40	149
92.53	2.221	100.74	88.06	98
142.71	2.427	147.43	137.63	30
200.34	4.587	205.79	192.58	6
267.38	7.721	274.64	256.92	4

OXYGEN

PRESS	MEAN	S.D.	MAX	MIN	N
0	6.50	.403	7.06	5.63	15
10	6.51	.396	7.08	5.71	15
20	6.51	.356	7.01	5.96	15
30	6.64	.267	7.00	6.24	15
50	6.67	.309	7.11	5.98	15
75	6.57	.343	6.96	5.94	15
100	5.87	.564	6.89	4.79	15
125	4.89	.554	5.75	3.82	15
150	4.34	.443	5.39	3.66	15
175	4.01	.373	4.79	3.42	15
200	3.68	.390	4.25	2.88	15
225	3.35	.411	3.91	2.56	15
250	3.01	.470	3.68	2.27	15
300	2.34	.469	3.03	1.64	15
400	1.47	.200	1.76	1.21	15
500	.95	.112	1.24	.82	15
600	.68	.104	.89	.52	15
700	.52	.097	.75	.39	15
800	.42	.080	.61	.32	15
900	.39	.048	.46	.33	15
1000	.39	.064	.54	.31	15
1200	.47	.078	.64	.37	14
1500	.77	.083	.91	.67	13
2000	1.45	.114	1.67	1.31	11
2500	1.90	.082	2.00	1.80	4
3000	2.42	.007	2.42	2.41	2

SOUND

MEAN	S.D.	MAX	MIN	N
1489	11.0	1512	1471	181
1489	10.9	1511	1470	181
1489	10.4	1510	1471	181
1487	8.7	1508	1471	181
1482	5.4	1502	1471	181
1479	3.4	1493	1471	181
1477	2.6	1485	1471	181
1477	1.9	1482	1471	181
1477	1.6	1483	1473	181
1477	1.5	1482	1473	181
1476	1.6	1482	1472	181
1476	1.6	1482	1472	181
1475	1.6	1482	1472	181
1474	1.5	1482	1471	181
1474	1.1	1478	1472	175
1474	.8	1478	1473	156
1475	.7	1478	1474	155
1476	.6	1478	1475	155
1477	.5	1479	1476	155
1478	.5	1479	1477	155
1479	.5	1480	1478	155
1480	.5	1481	1480	149
1484	.1	1485	1483	98
1490	.5	1491	1490	30
1498	.0	1498	1498	6
1506	.0	1506	1506	4

DELTA DH

PRESS	MEAN	S.D.	MAX	MIN	N
0	12.531	.3801	13.529	11.512	155
10	12.218	.3416	13.164	11.270	155
20	11.907	.3095	12.803	11.029	155
30	11.603	.2874	12.469	10.794	155
50	11.033	.2660	11.905	10.336	155
75	10.373	.2545	11.278	9.764	155
100	9.775	.2389	10.718	9.209	155
125	9.250	.2208	10.210	8.714	155
150	8.809	.2082	9.750	8.294	155
175	8.421	.1990	9.326	7.923	155
200	8.060	.1912	8.926	7.582	155
225	7.715	.1840	8.538	7.258	155
250	7.380	.1771	8.160	6.941	155
300	6.737	.1639	7.437	6.339	155
400	5.541	.1364	6.105	5.220	155
500	4.442	.1096	4.915	4.197	155
600	3.427	.0848	3.846	3.245	155
700	2.485	.0614	2.813	2.364	155
800	1.605	.0406	1.842	1.532	155
900	.779	.0198	.903	.745	155
1000	.000	.0000	.000	.000	155
1200	-1.438	.0381	-1.346	-1.643	149
1500	-3.368	.0863	-3.207	-3.722	98
2000	-6.167	.1225	-5.891	-6.404	30
2500	-8.677	.2308	-8.269	-8.947	6
3000	-11.066	.3630	-10.564	-11.403	4

Table 5. Statistics of TEMPERATURE, SALINITY, SIGMA T, SVA, THETA, SVA (THETA), DELTA D, POT. ENERGY, OXYGEN, SOUND and DELTA DH at standard pressures, by month, Station 7 (P14).

Table 5: STATION MP14 J A N U A R Y 1956 to 1990

TEMPERATURE

PRESS	MEAN	S.D.	MAX	MIN	N
0	8.34	.845	9.68	6.96	14
10	8.37	.838	9.68	6.97	14
20	8.37	.838	9.68	6.97	14
30	8.38	.840	9.68	6.98	14
50	8.37	.851	9.73	6.99	14
75	7.94	.612	8.97	7.00	14
100	7.08	.866	8.99	5.66	14
125	6.52	.510	7.26	5.52	14
150	6.35	.406	6.91	5.61	14
175	6.23	.392	6.72	5.48	14
200	5.96	.430	6.59	5.23	14
225	5.70	.421	6.29	5.05	14
250	5.45	.416	6.03	4.79	14
300	5.05	.371	5.63	4.45	14
400	4.52	.330	5.02	4.04	14
500	4.17	.239	4.59	3.86	14
600	3.92	.180	4.24	3.69	14
700	3.70	.125	3.94	3.56	14
800	3.51	.097	3.67	3.35	14
900	3.30	.075	3.43	3.16	14
1000	3.11	.060	3.22	3.02	14
1200	2.77	.048	2.86	2.69	13
1500	2.37	.025	2.41	2.32	8
2000	1.95	.014	1.96	1.94	2
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0

SALINITY

MEAN	S.D.	MAX	MIN	N
32.477	.1100	32.690	32.330	14
32.475	.1091	32.690	32.335	14
32.475	.1107	32.700	32.330	14
32.476	.1105	32.707	32.330	14
32.479	.1090	32.714	32.320	14
32.562	.0881	32.720	32.430	14
32.885	.2355	33.230	32.506	14
33.253	.2097	33.595	32.903	14
33.554	.1716	33.730	33.212	14
33.750	.0915	33.865	33.573	14
33.828	.0500	33.910	33.744	14
33.856	.0400	33.920	33.799	14
33.880	.0361	33.930	33.819	14
33.910	.0425	33.970	33.840	14
33.988	.0379	34.040	33.918	14
34.076	.0313	34.120	34.008	14
34.154	.0252	34.179	34.087	14
34.227	.0252	34.267	34.168	14
34.286	.0194	34.317	34.245	14
34.335	.0202	34.368	34.301	14
34.375	.0166	34.399	34.347	14
34.436	.0160	34.459	34.404	13
34.511	.0096	34.527	34.495	8
34.582	.0135	34.593	34.571	2
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

SIGMA T

PRESS	MEAN	S.D.	MAX	MIN	N
0	25.265	.1748	25.454	24.946	14
10	25.259	.1721	25.454	24.942	14
20	25.259	.1730	25.454	24.938	14
30	25.259	.1725	25.456	24.938	14
50	25.262	.1719	25.459	24.938	14
75	25.391	.0859	25.584	25.203	14
100	25.764	.2391	26.059	25.352	14
125	26.130	.1595	26.368	25.881	14
150	26.393	.1374	26.566	26.140	14
175	26.558	.0747	26.657	26.400	14
200	26.653	.0493	26.730	26.574	14
225	26.709	.0363	26.763	26.660	14
250	26.758	.0321	26.809	26.711	14
300	26.828	.0266	26.883	26.779	14
400	26.949	.0222	26.978	26.914	14
500	27.057	.0214	27.085	27.027	14
600	27.144	.0184	27.170	27.109	14
700	27.225	.0210	27.261	27.185	14
800	27.290	.0171	27.322	27.265	14
900	27.349	.0184	27.385	27.323	14
1000	27.399	.0143	27.424	27.376	14
1200	27.478	.0149	27.500	27.449	13
1500	27.573	.0061	27.584	27.563	8
2000	27.663	.0112	27.671	27.655	2
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0

SVA

MEAN	S.D.	MAX	MIN	N
271.4	16.65	301.8	253.4	14
272.2	16.40	302.4	253.6	14
272.4	16.49	302.9	253.7	14
272.5	16.45	303.1	253.7	14
272.5	16.42	303.5	253.8	14
260.6	8.23	278.6	242.1	14
225.4	22.80	264.7	197.4	14
190.8	15.14	214.5	168.3	14
166.2	13.04	190.3	149.6	14
150.9	7.12	165.9	141.2	14
142.1	4.80	149.6	134.7	14
137.0	3.61	141.6	131.7	14
132.5	3.34	136.9	127.3	14
126.4	2.70	130.8	120.6	14
115.3	2.28	118.5	112.2	14
105.8	2.18	108.5	102.7	14
98.0	1.83	101.1	95.5	14
91.0	2.09	94.6	87.4	14
85.3	1.69	87.6	82.0	14
80.1	1.82	82.6	76.5	14
75.6	1.44	77.8	73.1	14
68.6	1.46	71.4	66.3	13
60.1	.61	61.0	59.1	8
52.1	.92	52.8	51.5	2
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

THETA

PRESS	MEAN	S.D.	MAX	MIN	N
0	8.34	.845	9.68	6.96	14
10	8.37	.838	9.68	6.97	14
20	8.37	.837	9.68	6.97	14
30	8.37	.841	9.68	6.98	14
50	8.37	.847	9.72	6.99	14
75	7.93	.611	8.96	6.99	14
100	7.07	.865	8.98	5.66	14
125	6.50	.508	7.24	5.51	14
150	6.30	.405	6.89	5.60	14
175	6.22	.392	6.71	5.47	14
200	5.95	.429	6.57	5.22	14
225	5.68	.419	6.27	5.04	14
250	5.43	.416	6.01	4.77	14
300	5.02	.369	5.60	4.43	14
400	4.49	.329	4.99	4.01	14
500	4.13	.239	4.55	3.82	14
600	3.87	.180	4.19	3.65	14
700	3.65	.125	3.89	3.51	14
800	3.45	.095	3.62	3.30	14
900	3.24	.076	3.37	3.10	14
1000	3.04	.059	3.14	2.95	14
1200	2.69	.046	2.78	2.61	13
1500	2.26	.023	2.30	2.22	8
2000	1.81	.014	1.82	1.80	2
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
271.4	16.65	301.8	253.4	14
272.0	16.38	302.2	253.4	14
272.0	16.46	302.5	253.4	14
271.9	16.41	302.5	253.2	14
271.7	16.34	302.5	253.0	14
259.4	8.16	277.2	241.0	14
223.9	22.71	263.1	195.9	14
189.1	15.17	212.8	166.5	14
164.1	13.04	188.1	147.7	14
148.5	7.07	163.4	139.0	14
139.4	4.66	146.8	132.1	14
134.1	3.45	138.7	128.9	14
129.4	3.02	133.8	124.6	14
122.7	2.55	127.4	117.6	14
111.2	2.10	114.5	108.4	14
100.9	2.03	103.8	98.3	14
92.6	1.73	95.9	90.1	14
84.9	2.02	88.7	81.5	14
78.7	1.63	81.1	75.6	14
73.0	1.76	75.5	69.6	14
68.3	1.37	70.4	65.9	14
60.7	1.42	63.4	58.6	13
51.6	.69	52.5	50.5	8
42.8	1.06	45.6	42.1	2
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

STATION MP14 J A N U A R Y 1956 to 1990

DELTA D

PRESS	MEAN	S.D.	MAX	MIN	N
0	.000	.0000	.000	.000	14
10	.270	.0171	.300	.250	14
20	.545	.0323	.600	.510	14
30	.817	.0495	.910	.760	14
50	1.364	.0815	1.520	1.270	14
75	2.041	.1149	2.270	1.900	14
100	2.644	.1022	2.850	2.530	14
125	3.165	.1088	3.380	3.029	14
150	3.609	.1209	3.820	3.440	14
175	4.002	.1295	4.190	3.800	14
200	4.367	.1363	4.580	4.148	14
225	4.716	.1408	4.940	4.470	14
250	5.051	.1413	5.280	4.800	14
300	5.697	.1502	5.930	5.420	14
400	6.904	.1658	7.150	6.580	14
500	8.008	.1781	8.270	7.660	14
600	9.026	.1942	9.310	8.650	14
700	9.971	.2075	10.260	9.560	14
800	10.853	.2232	11.160	10.410	14
900	11.679	.2379	12.010	11.200	14
1000	12.456	.2502	12.800	11.950	14
1200	13.906	.2791	14.250	13.340	13
1500	15.742	.3221	16.130	15.230	8
2000	18.710	.0708	18.760	18.660	2
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.00	.000	.00	.00	14
.01	.004	.02	.01	14
.05	.005	.06	.05	14
.12	.008	.14	.12	14
.35	.021	.39	.33	14
.78	.040	.86	.73	14
1.32	.038	1.38	1.27	14
1.91	.080	2.05	1.80	14
2.53	.121	2.73	2.38	14
3.19	.152	3.47	2.98	14
3.88	.172	4.22	3.64	14
4.64	.186	5.00	4.36	14
5.45	.200	5.83	5.15	14
7.26	.233	7.66	6.87	14
11.56	.309	11.99	11.01	14
16.62	.388	17.16	15.97	14
22.32	.476	23.01	21.53	14
28.58	.586	29.50	27.57	14
35.31	.715	36.48	34.05	14
42.48	.846	43.80	40.90	14
50.00	.960	51.45	48.14	14
66.18	1.203	67.77	63.73	13
92.20	1.673	94.39	89.68	8
143.67	.067	143.71	143.62	2
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

OXYGEN

PRESS	MEAN	S.D.	MAX	MIN	N
0	n/a	n/a	n/a	n/a	0
10	n/a	n/a	n/a	n/a	0
20	n/a	n/a	n/a	n/a	0
30	n/a	n/a	n/a	n/a	0
50	n/a	n/a	n/a	n/a	0
75	n/a	n/a	n/a	n/a	0
100	n/a	n/a	n/a	n/a	0
125	n/a	n/a	n/a	n/a	0
150	n/a	n/a	n/a	n/a	0
175	n/a	n/a	n/a	n/a	0
200	n/a	n/a	n/a	n/a	0
225	n/a	n/a	n/a	n/a	0
250	n/a	n/a	n/a	n/a	0
300	n/a	n/a	n/a	n/a	0
400	n/a	n/a	n/a	n/a	0
500	n/a	n/a	n/a	n/a	0
600	n/a	n/a	n/a	n/a	0
700	n/a	n/a	n/a	n/a	0
800	n/a	n/a	n/a	n/a	0
900	n/a	n/a	n/a	n/a	0
1000	n/a	n/a	n/a	n/a	0
1200	n/a	n/a	n/a	n/a	0
1500	n/a	n/a	n/a	n/a	0
2000	n/a	n/a	n/a	n/a	0
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0

SOUND

MEAN	S.D.	MAX	MIN	N
1481	3.3	1486	1475	14
1481	3.2	1486	1476	14
1482	3.0	1486	1476	14
1482	3.0	1486	1476	14
1482	3.3	1487	1476	14
1481	2.4	1485	1477	14
1478	3.3	1485	1472	14
1477	2.5	1480	1472	14
1477	1.6	1479	1474	14
1477	1.7	1479	1474	14
1477	1.7	1479	1474	14
1476	1.8	1478	1473	14
1475	1.6	1478	1473	14
1475	1.5	1477	1472	14
1474	1.4	1476	1472	14
1474	1.0	1476	1473	14
1475	1.0	1477	1474	14
1476	.5	1477	1475	14
1477	.6	1478	1476	14
1478	.4	1478	1477	14
1479	.5	1479	1478	14
1481	.5	1481	1480	13
1484	.0	1484	1484	8
1491	.7	1491	1490	2
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

DELTA DH

PRESS	MEAN	S.D.	MAX	MIN	N
0	12.456	.2502	12.795	11.951	14
10	12.184	.2493	12.531	11.690	14
20	11.912	.2496	12.266	11.428	14
30	11.639	.2512	12.002	11.166	14
50	11.093	.2572	11.475	10.641	14
75	10.414	.2663	10.828	9.982	14
100	9.813	.2368	10.193	9.394	14
125	9.292	.1995	9.599	8.914	14
150	8.849	.1751	9.119	8.514	14
175	8.454	.1591	8.703	8.155	14
200	8.090	.1482	8.325	7.810	14
225	7.741	.1398	7.966	7.477	14
250	7.405	.1336	7.618	7.151	14
300	6.759	.1208	6.950	6.536	14
400	5.553	.1002	5.704	5.375	14
500	4.448	.0848	4.573	4.292	14
600	3.429	.0676	3.529	3.299	14
700	2.485	.0492	2.549	2.387	14
800	1.603	.0325	1.653	1.538	14
900	.777	.0159	.800	.748	14
1000	.000	.0000	.000	.000	14
1200	-1.438	.0281	-1.391	-1.491	13
1500	-3.346	.0486	-3.278	-3.399	8
2000	-6.220	.0248	-6.202	-6.237	2
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0

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TEMPERATURE

PRESS	MEAN	S.D.	MAX	MIN	N
0	7.21	.950	9.00	5.95	11
10	7.12	.956	8.88	5.64	11
20	7.10	.965	8.87	5.62	11
30	7.09	.967	8.86	5.60	11
50	7.08	.967	8.86	5.59	11
75	6.98	.813	8.19	5.59	11
100	6.80	.744	8.17	5.65	11
125	6.58	.365	7.12	6.02	11
150	6.46	.245	6.90	6.13	11
175	6.30	.208	6.70	6.02	11
200	6.03	.221	6.41	5.69	11
225	5.79	.255	6.25	5.51	11
250	5.50	.282	6.02	5.20	11
300	5.05	.296	5.56	4.67	11
400	4.54	.321	5.11	4.04	11
500	4.23	.264	4.64	3.79	11
600	4.01	.165	4.31	3.77	11
700	3.80	.142	4.09	3.61	11
800	3.57	.113	3.86	3.46	11
900	3.35	.082	3.52	3.23	11
1000	3.17	.090	3.31	3.04	11
1200	2.80	.070	2.93	2.73	11
1500	2.42	.063	2.51	2.34	7
2000	2.00	n/a	n/a	n/a	1
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0

SALINITY

MEAN	S.D.	MAX	MIN	N
32.514	.0793	32.620	32.330	11
32.513	.0794	32.620	32.330	11
32.513	.0800	32.620	32.330	11
32.513	.0799	32.620	32.330	11
32.515	.0791	32.620	32.330	11
32.551	.0665	32.660	32.450	11
32.754	.3264	33.537	32.471	11
33.233	.2993	33.736	32.771	11
33.618	.1302	33.851	33.407	11
33.777	.0766	33.886	33.623	11
33.837	.0411	33.900	33.753	11
33.862	.0372	33.908	33.784	11
33.878	.0388	33.928	33.799	11
33.904	.0485	33.990	33.809	11
33.983	.0350	34.039	33.923	11
34.066	.0320	34.118	34.006	11
34.146	.0287	34.190	34.090	11
34.209	.0316	34.246	34.138	11
34.266	.0403	34.304	34.160	11
34.313	.0449	34.348	34.185	11
34.353	.0466	34.389	34.220	11
34.426	.0214	34.450	34.378	11
34.494	.0236	34.513	34.450	7
34.592	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

SIGMA T

PRESS	MEAN	S.D.	MAX	MIN	N
0	25.455	.1638	25.629	25.054	11
10	25.465	.1586	25.657	25.072	11
20	25.468	.1571	25.660	25.074	11
30	25.469	.1565	25.656	25.075	11
50	25.472	.1572	25.662	25.075	11
75	25.516	.0901	25.667	25.376	11
100	25.700	.2619	26.342	25.396	11
125	26.107	.2301	26.488	25.793	11
150	26.426	.0953	26.584	26.295	11
175	26.572	.0567	26.647	26.466	11
200	26.653	.0323	26.710	26.594	11
225	26.704	.0312	26.756	26.642	11
250	26.751	.0272	26.795	26.706	11
300	26.824	.0283	26.869	26.769	11
400	26.943	.0282	26.970	26.867	11
500	27.041	.0370	27.093	26.968	11
600	27.128	.0326	27.166	27.068	11
700	27.200	.0323	27.235	27.129	11
800	27.268	.0358	27.309	27.187	11
900	27.327	.0383	27.366	27.223	11
1000	27.376	.0437	27.417	27.257	11
1200	27.467	.0203	27.493	27.427	11
1500	27.555	.0215	27.572	27.513	7
2000	27.667	n/a	n/a	n/a	1
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0

SVA

MEAN	S.D.	MAX	MIN	N
253.4	15.61	291.6	236.8	11
252.5	15.08	289.9	234.3	11
252.4	14.98	290.0	234.1	11
252.5	14.93	290.0	234.6	11
252.4	15.03	290.3	234.2	11
248.6	8.70	262.1	233.9	11
231.4	24.90	260.5	170.4	11
193.0	21.79	222.9	157.0	11
163.2	9.04	175.6	148.3	11
149.6	5.37	159.6	142.4	11
142.2	3.09	147.7	136.6	11
137.6	3.05	143.4	132.4	11
133.3	2.66	137.4	129.0	11
126.6	2.75	132.2	122.3	11
116.0	2.83	123.6	113.3	11
107.3	3.68	114.7	102.4	11
99.7	3.24	105.6	96.1	11
93.4	3.24	100.4	89.9	11
87.5	3.45	95.0	83.5	11
82.2	3.67	92.0	78.3	11
77.5	4.26	86.4	73.8	11
69.7	1.98	73.5	67.1	11
61.9	2.11	66.0	60.2	7
52.0	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

THETA

PRESS	MEAN	S.D.	MAX	MIN	N
0	7.21	.950	9.00	5.95	11
10	7.12	.956	8.88	5.64	11
20	7.10	.965	8.87	5.62	11
30	7.09	.967	8.86	5.60	11
50	7.07	.965	8.85	5.59	11
75	6.97	.810	8.18	5.59	11
100	6.79	.744	8.16	5.64	11
125	6.56	.366	7.11	6.01	11
150	6.45	.245	6.88	6.12	11
175	6.28	.208	6.68	6.01	11
200	6.01	.221	6.39	5.67	11
225	5.77	.255	6.23	5.49	11
250	5.48	.281	6.00	5.18	11
300	5.03	.293	5.53	4.65	11
400	4.51	.321	5.08	4.01	11
500	4.20	.263	4.60	3.75	11
600	3.97	.163	4.26	3.73	11
700	3.75	.142	4.04	3.56	11
800	3.51	.113	3.80	3.40	11
900	3.28	.080	3.45	3.16	11
1000	3.10	.090	3.24	2.97	11
1200	2.72	.067	2.84	2.64	11
1500	2.31	.063	2.41	2.24	7
2000	1.86	n/a	n/a	n/a	1
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
253.4	15.61	291.6	236.8	11
252.4	15.08	289.8	234.2	11
252.1	14.93	289.6	233.9	11
252.0	14.86	289.4	234.3	11
251.7	14.92	289.4	233.6	11
247.5	8.56	260.8	233.1	11
230.0	24.89	258.9	169.0	11
191.3	21.83	221.1	155.1	11
161.0	9.06	173.4	146.0	11
147.0	5.37	157.1	140.0	11
139.4	3.07	145.0	133.9	11
134.6	2.96	140.4	129.6	11
130.1	2.57	134.4	125.9	11
123.1	2.69	128.3	118.8	11
111.8	2.64	118.9	109.3	11
102.4	3.47	109.3	97.5	11
94.1	3.08	99.6	90.5	11
87.2	3.09	94.0	83.9	11
80.8	3.40	88.5	76.9	11
75.1	3.64	85.0	71.4	11
70.4	4.13	81.7	66.6	11
61.7	1.86	65.5	59.3	11
53.3	2.02	57.2	51.6	7
42.4	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

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DELTA D

PRESS	MEAN	S.D.	MAX	MIN	N
0	.000	.0000	.000	.000	11
10	.253	.0149	.290	.240	11
20	.507	.0297	.580	.470	11
30	.760	.0469	.880	.710	11
50	1.267	.0764	1.460	1.180	11
75	1.896	.1133	2.180	1.760	11
100	2.496	.1304	2.750	2.260	11
125	3.029	.1603	3.260	2.670	11
150	3.471	.1825	3.700	3.060	11
175	3.860	.1936	4.080	3.420	11
200	4.224	.1960	4.430	3.780	11
225	4.572	.1964	4.770	4.130	11
250	4.913	.1954	5.120	4.480	11
300	5.559	.1932	5.770	5.150	11
400	6.765	.1835	6.980	6.420	11
500	7.883	.1747	8.120	7.620	11
600	8.916	.1740	9.180	8.650	11
700	9.883	.1798	10.160	9.580	11
800	10.785	.1915	11.070	10.450	11
900	11.634	.2117	11.920	11.260	11
1000	12.435	.2364	12.780	12.030	11
1200	13.906	.2897	14.420	13.430	11
1500	15.876	.4170	16.500	15.350	7
2000	19.070	n/a	n/a	n/a	1
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.00	.000	.00	.00	11
.01	.000	.01	.01	11
.05	.003	.06	.05	11
.12	.007	.13	.11	11
.32	.020	.37	.30	11
.73	.043	.83	.67	11
1.26	.064	1.34	1.11	11
1.87	.118	1.99	1.58	11
2.49	.162	2.65	2.11	11
3.13	.181	3.30	2.72	11
3.83	.192	4.00	3.40	11
4.58	.194	4.78	4.17	11
5.40	.198	5.63	5.00	11
7.22	.199	7.50	6.89	11
11.52	.209	11.91	11.21	11
16.64	.275	17.09	16.20	11
22.43	.406	22.98	21.82	11
28.82	.568	29.51	28.05	11
35.73	.765	36.92	34.76	11
43.08	1.036	45.05	41.81	11
50.83	1.378	53.79	49.20	11
67.31	2.109	72.17	64.97	11
94.66	3.252	100.74	91.35	7
146.47	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

OXYGEN

PRESS	MEAN	S.D.	MAX	MIN	N
0	6.77	n/a	n/a	n/a	1
10	6.63	n/a	n/a	n/a	1
20	6.51	n/a	n/a	n/a	1
30	6.52	n/a	n/a	n/a	1
50	6.51	n/a	n/a	n/a	1
75	6.51	n/a	n/a	n/a	1
100	5.82	n/a	n/a	n/a	1
125	5.06	n/a	n/a	n/a	1
150	4.30	n/a	n/a	n/a	1
175	3.87	n/a	n/a	n/a	1
200	3.61	n/a	n/a	n/a	1
225	3.01	n/a	n/a	n/a	1
250	2.46	n/a	n/a	n/a	1
300	1.64	n/a	n/a	n/a	1
400	1.30	n/a	n/a	n/a	1
500	1.05	n/a	n/a	n/a	1
600	.89	n/a	n/a	n/a	1
700	.75	n/a	n/a	n/a	1
800	.61	n/a	n/a	n/a	1
900	.46	n/a	n/a	n/a	1
1000	.33	n/a	n/a	n/a	1
1200	.39	n/a	n/a	n/a	1
1500	.89	n/a	n/a	n/a	1
2000	1.67	n/a	n/a	n/a	1
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0

SOUND

MEAN	S.D.	MAX	MIN	N
1477	3.6	1483	1471	11
1476	3.8	1483	1470	11
1476	3.6	1483	1471	11
1477	3.6	1483	1471	11
1477	3.9	1484	1471	11
1477	3.3	1482	1471	11
1477	3.2	1482	1472	11
1477	1.7	1479	1474	11
1478	1.2	1479	1476	11
1477	.9	1479	1476	11
1477	.9	1479	1476	11
1476	1.2	1478	1475	11
1476	1.3	1478	1474	11
1475	1.4	1477	1473	11
1474	1.4	1477	1472	11
1475	1.0	1476	1473	11
1476	.7	1477	1475	11
1477	.7	1478	1476	11
1477	.3	1478	1477	11
1478	.4	1479	1477	11
1479	.4	1479	1478	11
1481	.5	1481	1480	11
1484	.4	1485	1484	7
1491	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

DELTA DH

PRESS	MEAN	S.D.	MAX	MIN	N
0	12.435	.2359	12.780	12.026	11
10	12.181	.2320	12.537	11.788	11
20	11.928	.2277	12.292	11.553	11
30	11.674	.2244	12.044	11.317	11
50	11.168	.2207	11.550	10.845	11
75	10.538	.2181	10.931	10.266	11
100	9.939	.2099	10.310	9.661	11
125	9.405	.2035	9.773	9.128	11
150	8.963	.2098	9.341	8.699	11
175	8.575	.2096	8.953	8.328	11
200	8.211	.2080	8.586	7.978	11
225	7.863	.2050	8.235	7.644	11
250	7.524	.2010	7.893	7.310	11
300	6.876	.1936	7.237	6.663	11
400	5.669	.1819	6.036	5.464	11
500	4.553	.1641	4.915	4.379	11
600	3.519	.1394	3.846	3.364	11
700	2.552	.1066	2.813	2.436	11
800	1.649	.0751	1.842	1.570	11
900	.800	.0389	.903	.758	11
1000	.000	.0000	.000	.000	11
1200	-1.471	.0680	-1.396	-1.643	11
1500	-3.454	.1368	-3.325	-3.722	7
2000	-6.339	n/a	n/a	n/a	1
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0

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TEMPERATURE

PRESS	MEAN	S.D.	MAX	MIN	N
0	7.38	.440	8.25	6.70	12
10	7.34	.475	8.25	6.53	12
20	7.30	.474	8.25	6.54	12
30	7.29	.479	8.26	6.52	12
50	7.29	.478	8.27	6.51	12
75	7.22	.418	8.07	6.48	12
100	6.96	.368	7.42	6.27	12
125	6.64	.300	7.08	6.17	12
150	6.44	.339	6.94	6.04	12
175	6.27	.341	6.80	5.87	12
200	6.02	.320	6.50	5.55	12
225	5.72	.283	6.14	5.27	12
250	5.46	.254	5.83	5.02	12
300	5.06	.197	5.33	4.68	12
400	4.55	.213	4.88	4.27	12
500	4.25	.196	4.60	4.04	10
600	3.99	.179	4.34	3.80	10
700	3.76	.176	4.12	3.58	9
800	3.54	.132	3.80	3.38	9
900	3.32	.099	3.48	3.22	9
1000	3.12	.085	3.29	3.02	9
1200	2.79	.077	2.88	2.68	8
1500	2.42	.064	2.47	2.33	4
2000	1.94	.028	1.97	1.91	4
2500	1.79	n/a	n/a	n/a	1
3000	1.64	n/a	n/a	n/a	1

SALINITY

MEAN	S.D.	MAX	MIN	N
32.542	.0706	32.648	32.460	12
32.527	.0673	32.625	32.410	12
32.529	.0693	32.630	32.410	12
32.530	.0687	32.628	32.410	12
32.533	.0683	32.628	32.410	12
32.562	.1038	32.780	32.410	12
32.848	.2495	33.230	32.507	12
33.334	.1972	33.608	33.081	12
33.637	.1102	33.780	33.390	12
33.785	.0707	33.872	33.601	12
33.841	.0603	33.900	33.676	12
33.865	.0522	33.918	33.725	12
33.881	.0453	33.940	33.767	12
33.920	.0406	33.987	33.840	12
34.007	.0296	34.065	33.960	12
34.089	.0318	34.132	34.040	10
34.166	.0240	34.199	34.128	10
34.227	.0145	34.255	34.208	9
34.285	.0159	34.312	34.266	9
34.333	.0141	34.354	34.310	9
34.375	.0142	34.398	34.356	9
34.438	.0169	34.468	34.415	8
34.512	.0117	34.530	34.503	4
34.606	.0186	34.629	34.585	4
34.618	n/a	n/a	n/a	1
34.644	n/a	n/a	n/a	1

SIGMA T

PRESS	MEAN	S.D.	MAX	MIN	N
0	25.456	.0823	25.559	25.300	12
10	25.451	.0733	25.530	25.300	12
20	25.457	.0725	25.529	25.300	12
30	25.458	.0717	25.529	25.299	12
50	25.461	.0716	25.545	25.297	12
75	25.494	.0801	25.635	25.340	12
100	25.753	.1966	25.996	25.461	12
125	26.178	.1407	26.357	25.972	12
150	26.442	.0828	26.539	26.238	12
175	26.580	.0653	26.654	26.407	12
200	26.658	.0535	26.701	26.507	12
225	26.713	.0441	26.752	26.592	12
250	26.758	.0369	26.800	26.668	12
300	26.836	.0278	26.886	26.802	12
400	26.961	.0281	27.007	26.921	12
500	27.058	.0333	27.103	27.015	10
600	27.147	.0283	27.187	27.108	10
700	27.219	.0177	27.242	27.186	9
800	27.287	.0171	27.316	27.261	9
900	27.346	.0138	27.367	27.330	9
1000	27.397	.0152	27.425	27.381	9
1200	27.479	.0175	27.503	27.460	8
1500	27.569	.0152	27.590	27.558	4
2000	27.683	.0165	27.703	27.664	4
2500	27.704	n/a	n/a	n/a	1
3000	27.736	n/a	n/a	n/a	1

SVA

MEAN	S.D.	MAX	MIN	N
253.2	7.81	268.1	243.5	12
253.9	6.99	268.3	246.4	12
253.4	6.90	268.4	246.6	12
253.5	6.83	268.7	246.8	12
253.4	6.85	269.2	245.4	12
250.7	7.63	265.5	237.3	12
226.4	18.65	254.1	203.3	12
186.4	13.31	206.0	169.5	12
161.6	7.84	180.9	152.5	12
148.8	6.26	165.3	141.8	12
141.7	5.13	156.0	137.6	12
136.6	4.26	148.1	132.7	12
132.5	3.57	141.1	128.3	12
125.5	2.65	128.8	120.8	12
114.2	2.78	118.4	109.9	12
105.8	3.28	110.2	101.4	10
97.9	2.84	102.1	94.0	10
91.6	1.96	95.4	89.5	9
85.7	1.77	88.6	82.8	9
80.4	1.47	82.2	78.3	9
75.8	1.57	77.5	73.0	9
68.6	1.74	70.4	66.3	8
60.6	1.59	61.8	58.3	4
50.3	1.68	52.2	48.3	4
49.3	n/a	n/a	n/a	1
47.0	n/a	n/a	n/a	1

THETA

PRESS	MEAN	S.D.	MAX	MIN	N
0	7.38	.440	8.25	6.70	12
10	7.34	.475	8.25	6.53	12
20	7.30	.474	8.25	6.54	12
30	7.29	.477	8.25	6.52	12
50	7.28	.477	8.26	6.51	12
75	7.21	.418	8.06	6.47	12
100	6.96	.366	7.41	6.27	12
125	6.63	.298	7.06	6.16	12
150	6.43	.337	6.92	6.03	12
175	6.26	.342	6.78	5.85	12
200	6.00	.320	6.48	5.53	12
225	5.70	.283	6.12	5.25	12
250	5.43	.254	5.81	5.00	12
300	5.04	.197	5.31	4.66	12
400	4.52	.213	4.85	4.24	12
500	4.22	.195	4.56	4.00	10
600	3.94	.177	4.29	3.75	10
700	3.71	.176	4.07	3.53	9
800	3.48	.130	3.74	3.33	9
900	3.26	.096	3.41	3.16	9
1000	3.05	.085	3.22	2.95	9
1200	2.70	.073	2.79	2.60	8
1500	2.31	.059	2.36	2.23	4
2000	1.80	.028	1.83	1.77	4
2500	1.61	n/a	n/a	n/a	1
3000	1.42	n/a	n/a	n/a	1

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
253.2	7.81	268.1	243.5	12
253.8	6.98	268.1	246.2	12
253.2	6.89	268.1	246.3	12
253.1	6.81	268.2	246.3	12
252.7	6.79	268.3	244.8	12
249.6	7.62	264.2	236.1	12
224.9	18.69	252.7	201.9	12
184.5	13.35	204.0	167.5	12
159.5	7.84	178.8	150.3	12
146.3	6.21	162.8	139.3	12
138.9	5.07	153.2	134.8	12
133.7	4.18	145.1	130.0	12
129.4	3.51	138.0	125.4	12
122.0	2.65	125.2	117.2	12
110.0	2.66	113.9	105.7	12
100.8	3.16	104.9	96.5	10
92.3	2.65	96.0	88.6	10
85.5	1.71	88.6	83.3	9
79.0	1.62	81.4	76.2	9
73.3	1.35	74.9	71.3	9
68.4	1.42	69.9	65.8	9
60.6	1.61	62.4	58.3	8
51.9	1.40	53.0	49.9	4
41.0	1.58	42.8	39.1	4
38.7	n/a	n/a	n/a	1
35.4	n/a	n/a	n/a	1

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DELTA D

PRESS	MEAN	S.D.	MAX	MIN	N
0	.000	.0000	.000	.000	12
10	.254	.0067	.270	.250	12
20	.508	.0159	.540	.490	12
30	.762	.0221	.810	.740	12
50	1.269	.0340	1.340	1.230	12
75	1.903	.0477	2.010	1.850	12
100	2.507	.0556	2.620	2.440	12
125	3.018	.0759	3.150	2.900	12
150	3.453	.0899	3.610	3.310	12
175	3.839	.0950	3.980	3.680	12
200	4.200	.0983	4.330	4.040	12
225	4.549	.1025	4.710	4.390	12
250	4.884	.1033	5.070	4.730	12
300	5.530	.1037	5.740	5.390	12
400	6.721	.1045	6.950	6.610	12
500	7.804	.0938	8.020	7.710	10
600	8.823	.1122	9.080	8.700	10
700	9.777	.1358	10.050	9.620	9
800	10.663	.1492	10.960	10.490	9
900	11.494	.1621	11.800	11.290	9
1000	12.272	.1745	12.600	12.040	9
1200	13.709	.2108	14.080	13.440	8
1500	15.725	.3040	16.030	15.330	4
2000	18.500	.3459	18.790	18.020	4
2500	21.260	n/a	n/a	n/a	1
3000	23.670	n/a	n/a	n/a	1

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.00	.000	.00	.00	12
.01	.000	.01	.01	12
.05	.000	.05	.05	12
.12	.005	.12	.11	12
.33	.009	.34	.31	12
.73	.019	.77	.70	12
1.27	.033	1.31	1.22	12
1.85	.070	1.97	1.76	12
2.46	.094	2.60	2.33	12
3.10	.110	3.25	2.95	12
3.79	.123	4.01	3.64	12
4.54	.139	4.83	4.38	12
5.36	.154	5.71	5.19	12
7.16	.171	7.59	6.98	12
11.41	.216	11.89	11.18	12
16.42	.301	16.99	16.03	10
22.13	.460	22.91	21.56	10
28.46	.606	29.36	27.68	9
35.23	.732	36.31	34.30	9
42.42	.867	43.70	41.30	9
49.96	.985	51.38	48.62	9
66.13	1.406	67.90	64.28	8
93.40	2.275	95.01	90.09	4
142.66	3.362	145.37	137.75	4
203.79	n/a	n/a	n/a	1
271.39	n/a	n/a	n/a	1

OXYGEN

PRESS	MEAN	S.D.	MAX	MIN	N
0	6.89	.145	7.06	6.80	3
10	6.91	.161	7.08	6.76	3
20	6.88	.072	6.94	6.80	3
30	6.89	.119	6.97	6.75	3
50	6.88	.093	6.94	6.77	3
75	6.79	.072	6.87	6.73	3
100	5.97	.608	6.67	5.57	3
125	4.76	.473	5.30	4.44	3
150	4.34	.075	4.42	4.27	3
175	4.04	.045	4.09	4.00	3
200	3.76	.127	3.83	3.61	3
225	3.55	.309	3.73	3.19	3
250	3.30	.426	3.60	2.81	3
300	2.51	.584	2.88	1.84	3
400	1.57	.259	1.75	1.27	3
500	.91	.035	.94	.87	3
600	.66	.035	.70	.64	3
700	.45	.085	.55	.39	3
800	.36	.045	.41	.32	3
900	.35	.029	.38	.33	3
1000	.34	.020	.36	.32	3
1200	.39	.028	.41	.37	2
1500	.75	.064	.79	.70	2
2000	1.36	.049	1.39	1.32	2
2500	1.80	n/a	n/a	n/a	1
3000	n/a	n/a	n/a	n/a	0

SOUND

MEAN	S.D.	MAX	MIN	N
1477	1.8	1481	1475	12
1477	1.9	1481	1474	12
1477	1.9	1481	1474	12
1477	1.9	1481	1474	12
1478	2.0	1482	1475	12
1478	1.7	1481	1475	12
1478	1.5	1480	1475	12
1477	1.3	1479	1475	12
1477	1.3	1479	1476	12
1477	1.3	1479	1476	12
1477	1.3	1479	1475	12
1476	1.3	1478	1474	12
1475	1.0	1477	1474	12
1475	.9	1476	1473	12
1474	1.0	1476	1473	12
1475	.9	1476	1474	10
1476	.7	1477	1475	10
1476	.9	1478	1475	9
1477	.5	1478	1476	9
1478	.6	1479	1477	9
1479	.5	1479	1478	9
1481	.5	1481	1480	8
1484	.0	1484	1484	4
1491	.6	1491	1490	4
1498	n/a	n/a	n/a	1
1506	n/a	n/a	n/a	1

DELTA DH

PRESS	MEAN	S.D.	MAX	MIN	N
0	12.273	.1733	12.598	12.043	9
10	12.020	.1742	12.351	11.794	9
20	11.767	.1757	12.103	11.544	9
30	11.514	.1776	11.855	11.294	9
50	11.008	.1825	11.358	10.793	9
75	10.377	.1855	10.737	10.165	9
100	9.772	.1879	10.108	9.537	9
125	9.261	.1875	9.546	9.034	9
150	8.830	.1842	9.102	8.605	9
175	8.446	.1796	8.715	8.219	9
200	8.087	.1752	8.349	7.856	9
225	7.741	.1716	7.998	7.509	9
250	7.406	.1666	7.654	7.179	9
300	6.762	.1553	6.994	6.558	9
400	5.570	.1271	5.762	5.386	9
500	4.466	.0963	4.614	4.317	9
600	3.444	.0687	3.553	3.337	9
700	2.496	.0475	2.568	2.419	9
800	1.609	.0313	1.647	1.556	9
900	.779	.0148	.796	.756	9
1000	.000	.0000	.000	.000	9
1200	-1.439	.0361	-1.395	-1.479	8
1500	-3.395	.0842	-3.269	-3.446	4
2000	-6.167	.1486	-5.950	-6.279	4
2500	-8.825	n/a	n/a	n/a	1
3000	-11.238	n/a	n/a	n/a	1

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TEMPERATURE

PRESS	MEAN	S.D.	MAX	MIN	N
0	7.21	.966	8.83	5.77	11
10	7.18	.945	8.83	5.77	11
20	7.16	.937	8.83	5.77	11
30	7.11	.923	8.82	5.77	11
50	6.98	.858	8.71	5.77	11
75	6.72	.872	8.45	5.66	11
100	6.51	.840	8.44	5.72	11
125	6.36	.843	7.45	5.57	11
150	6.10	.754	6.71	5.53	11
175	5.93	.373	6.53	5.31	11
200	5.70	.425	6.34	4.88	11
225	5.47	.413	6.05	4.81	11
250	5.27	.383	5.78	4.71	11
300	4.83	.329	5.34	4.37	11
400	4.33	.229	4.70	4.01	10
500	4.09	.202	4.37	3.79	7
600	3.85	.163	4.07	3.61	7
700	3.66	.115	3.78	3.46	7
800	3.47	.089	3.55	3.32	7
900	3.27	.061	3.35	3.19	7
1000	3.08	.027	3.11	3.05	7
1200	2.75	.030	2.79	2.71	7
1500	2.35	.044	2.41	2.28	6
2000	n/a	n/a	n/a	n/a	0
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0

SALINITY

MEAN	S.D.	MAX	MIN	N
32.559	.0450	32.650	32.480	11
32.563	.0398	32.650	32.504	11
32.549	.0544	32.650	32.453	11
32.551	.0531	32.650	32.458	11
32.553	.0547	32.660	32.448	11
32.558	.0522	32.660	32.454	11
32.731	.1535	33.031	32.570	11
33.268	.2493	33.626	32.981	11
33.608	.1428	33.815	33.360	11
33.765	.0721	33.853	33.637	11
33.824	.0456	33.887	33.756	11
33.851	.0348	33.910	33.806	11
33.875	.0282	33.919	33.826	11
33.911	.0212	33.948	33.887	11
33.992	.0239	34.034	33.960	10
34.089	.0190	34.117	34.053	7
34.170	.0185	34.198	34.145	7
34.240	.0175	34.270	34.216	7
34.299	.0176	34.329	34.282	7
34.346	.0128	34.369	34.331	7
34.385	.0125	34.406	34.374	7
34.447	.0097	34.461	34.432	7
34.514	.0123	34.533	34.496	6
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

SIGMA T

PRESS	MEAN	S.D.	MAX	MIN	N
0	25.489	.1332	25.677	25.300	11
10	25.497	.1291	25.677	25.301	11
20	25.489	.1383	25.677	25.259	11
30	25.497	.1365	25.677	25.270	11
50	25.516	.1269	25.684	25.300	11
75	25.555	.1364	25.718	25.340	11
100	25.719	.1888	26.026	25.373	11
125	26.161	.2182	26.490	25.793	11
150	26.463	.1096	26.606	26.264	11
175	26.608	.0616	26.700	26.479	11
200	26.682	.0500	26.764	26.605	11
225	26.732	.0383	26.798	26.673	11
250	26.774	.0329	26.827	26.734	11
300	26.854	.0320	26.896	26.813	11
400	26.973	.0347	27.030	26.932	10
500	27.075	.0287	27.110	27.038	7
600	27.164	.0251	27.193	27.136	7
700	27.239	.0224	27.270	27.208	7
800	27.304	.0220	27.337	27.284	7
900	27.361	.0152	27.385	27.346	7
1000	27.410	.0110	27.430	27.398	7
1200	27.489	.0085	27.503	27.477	7
1500	27.576	.0099	27.592	27.563	6
2000	n/a	n/a	n/a	n/a	0
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0

SVA

MEAN	S.D.	MAX	MIN	N
250.2	12.67	268.1	232.3	11
249.6	12.29	268.2	232.4	11
250.5	13.17	272.3	232.5	11
249.8	13.04	271.5	232.6	11
248.2	12.16	268.9	232.1	11
244.8	13.10	265.4	229.2	11
229.5	18.06	262.7	200.2	11
187.9	20.77	223.1	156.6	11
159.5	10.39	178.4	145.9	11
146.1	5.90	158.4	137.3	11
139.2	4.90	146.8	131.3	11
134.7	3.81	140.6	128.4	11
130.9	3.28	134.9	125.8	11
123.7	3.21	127.7	119.4	11
112.9	3.45	116.9	107.4	10
104.0	2.89	107.5	100.4	7
96.1	2.55	98.9	93.1	7
89.6	2.30	92.7	86.5	7
83.9	2.20	86.0	80.7	7
78.9	1.54	80.3	76.5	7
74.6	1.15	75.8	72.6	7
67.5	.86	68.7	66.1	7
59.7	.95	60.9	58.2	6
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

THETA

PRESS	MEAN	S.D.	MAX	MIN	N
0	7.21	.966	8.83	5.77	11
10	7.18	.945	8.83	5.77	11
20	7.16	.936	8.83	5.77	11
30	7.11	.922	8.82	5.77	11
50	6.98	.855	8.70	5.77	11
75	6.71	.870	8.44	5.66	11
100	6.50	.839	8.43	5.71	11
125	6.35	.540	7.43	5.56	11
150	6.09	.354	6.70	5.52	11
175	5.92	.372	6.51	5.30	11
200	5.69	.423	6.32	4.87	11
225	5.45	.413	6.03	4.79	11
250	5.25	.383	5.76	4.69	11
300	4.81	.328	5.31	4.35	11
400	4.30	.227	4.67	3.99	10
500	4.06	.201	4.33	3.75	7
600	3.81	.162	4.03	3.57	7
700	3.61	.115	3.73	3.41	7
800	3.41	.087	3.49	3.26	7
900	3.21	.062	3.29	3.13	7
1000	3.01	.027	3.04	2.98	7
1200	2.67	.029	2.71	2.63	7
1500	2.25	.043	2.31	2.18	6
2000	n/a	n/a	n/a	n/a	0
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
250.2	12.67	268.1	232.3	11
249.4	12.29	268.0	232.2	11
250.1	13.15	272.0	232.5	11
249.3	13.00	271.0	232.5	11
247.5	12.06	268.1	231.6	11
243.8	12.96	264.2	228.3	11
228.2	17.94	261.0	199.0	11
186.2	20.72	221.1	154.9	11
157.4	10.41	176.4	143.9	11
143.7	5.83	155.9	135.0	11
136.6	4.76	143.9	128.8	11
131.9	3.61	137.4	125.7	11
127.9	3.08	131.6	122.9	11
120.3	2.98	124.1	116.4	11
108.9	3.28	112.8	103.6	10
99.2	2.68	102.7	95.9	7
90.7	2.36	93.4	87.9	7
83.5	2.13	86.5	80.6	7
77.3	2.07	79.2	74.2	7
71.9	1.44	73.3	69.6	7
67.3	1.09	68.4	65.4	7
59.7	.82	60.8	58.3	7
51.3	.90	52.5	49.8	6
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

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DELTA D

PRESS	MEAN	S.D.	MAX	MIN	N
0	.000	.0000	.000	.000	11
10	.251	.0138	.270	.230	11
20	.501	.0255	.540	.460	11
30	.753	.0374	.810	.700	11
50	1.251	.0643	1.350	1.160	11
75	1.869	.0888	2.010	1.740	11
100	2.465	.1292	2.690	2.290	11
125	2.984	.1685	3.280	2.720	11
150	3.415	.1988	3.750	3.100	11
175	3.795	.2127	4.130	3.450	11
200	4.152	.2228	4.510	3.790	11
225	4.493	.2302	4.870	4.110	11
250	4.825	.2340	5.210	4.430	11
300	5.460	.2469	5.870	5.040	11
400	6.683	.2402	7.090	6.250	10
500	7.800	.3013	8.210	7.290	7
600	8.797	.3259	9.240	8.250	7
700	9.726	.3464	10.190	9.150	7
800	10.591	.3710	11.080	9.980	7
900	11.404	.3852	11.910	10.770	7
1000	12.173	.3998	12.690	11.510	7
1200	13.590	.4160	14.130	12.900	7
1500	15.538	.4609	16.050	14.770	6
2000	n/a	n/a	n/a	n/a	0
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.00	.000	.00	.00	11
.01	.000	.01	.01	11
.05	.000	.05	.05	11
.11	.005	.12	.11	11
.32	.014	.34	.30	11
.71	.035	.77	.66	11
1.24	.068	1.37	1.15	11
1.84	.120	2.06	1.65	11
2.44	.165	2.71	2.17	11
3.07	.192	3.36	2.75	11
3.75	.208	4.08	3.40	11
4.49	.224	4.85	4.10	11
5.29	.239	5.68	4.87	11
7.08	.275	7.52	6.59	11
11.33	.334	11.87	10.71	10
16.32	.491	17.01	15.47	7
21.92	.634	22.79	20.88	7
28.07	.784	29.10	26.82	7
34.68	.958	35.86	33.19	7
41.72	1.110	43.05	40.01	7
49.15	1.233	50.59	47.22	7
65.03	1.449	66.73	62.69	7
91.50	1.717	93.18	88.42	6
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

OXYGEN

PRESS	MEAN	S.D.	MAX	MIN	N
0	n/a	n/a	n/a	n/a	0
10	n/a	n/a	n/a	n/a	0
20	n/a	n/a	n/a	n/a	0
30	n/a	n/a	n/a	n/a	0
50	n/a	n/a	n/a	n/a	0
75	n/a	n/a	n/a	n/a	0
100	n/a	n/a	n/a	n/a	0
125	n/a	n/a	n/a	n/a	0
150	n/a	n/a	n/a	n/a	0
175	n/a	n/a	n/a	n/a	0
200	n/a	n/a	n/a	n/a	0
225	n/a	n/a	n/a	n/a	0
250	n/a	n/a	n/a	n/a	0
300	n/a	n/a	n/a	n/a	0
400	n/a	n/a	n/a	n/a	0
500	n/a	n/a	n/a	n/a	0
600	n/a	n/a	n/a	n/a	0
700	n/a	n/a	n/a	n/a	0
800	n/a	n/a	n/a	n/a	0
900	n/a	n/a	n/a	n/a	0
1000	n/a	n/a	n/a	n/a	0
1200	n/a	n/a	n/a	n/a	0
1500	n/a	n/a	n/a	n/a	0
2000	n/a	n/a	n/a	n/a	0
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0

SOUND

MEAN	S.D.	MAX	MIN	N
1477	3.8	1483	1471	11
1477	3.8	1483	1471	11
1477	3.7	1483	1471	11
1477	3.6	1483	1471	11
1477	3.2	1483	1472	11
1476	3.4	1483	1472	11
1476	3.2	1483	1473	11
1476	2.0	1480	1473	11
1476	1.6	1479	1474	11
1476	1.6	1478	1473	11
1475	1.8	1478	1472	11
1475	1.7	1477	1472	11
1475	1.7	1477	1472	11
1474	1.5	1476	1472	11
1474	.8	1475	1472	10
1474	.8	1475	1473	7
1475	.7	1476	1474	7
1476	.4	1476	1475	7
1477	.5	1477	1476	7
1478	.5	1478	1477	7
1478	.5	1479	1478	7
1481	.5	1481	1480	7
1484	.0	1484	1484	6
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

DELTA DH

PRESS	MEAN	S.D.	MAX	MIN	N
0	12.172	.3975	12.686	11.515	7
10	11.919	.3849	12.420	11.283	7
20	11.665	.3726	12.152	11.050	7
30	11.412	.3587	11.880	10.818	7
50	10.908	.3323	11.339	10.352	7
75	10.282	.3003	10.672	9.776	7
100	9.670	.2654	9.999	9.209	7
125	9.133	.2307	9.445	8.748	7
150	8.694	.2097	8.973	8.365	7
175	8.311	.1985	8.554	8.008	7
200	7.954	.1918	8.176	7.665	7
225	7.611	.1866	7.819	7.334	7
250	7.277	.1820	7.476	7.007	7
300	6.638	.1692	6.821	6.389	7
400	5.457	.1357	5.600	5.269	7
500	4.373	.1047	4.478	4.229	7
600	3.374	.0779	3.455	3.264	7
700	2.446	.0548	2.499	2.365	7
800	1.580	.0311	1.609	1.532	7
900	.768	.0132	.779	.745	7
1000	.000	.0000	.000	.000	7
1200	-1.416	.0203	-1.380	-1.439	7
1500	-3.329	.0424	-3.254	-3.370	6
2000	n/a	n/a	n/a	n/a	0
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0

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TEMPERATURE

PRESS	MEAN	S.D.	MAX	MIN	N
0	8.64	1.092	12.60	7.09	34
10	8.51	.890	11.04	7.10	34
20	8.35	.802	9.66	6.85	34
30	8.17	.781	9.47	6.37	34
50	7.65	.748	8.98	6.21	34
75	7.25	.717	8.44	5.98	34
100	6.77	.582	7.78	5.78	34
125	6.42	.421	7.35	5.62	34
150	6.27	.371	6.94	5.53	34
175	6.08	.341	6.75	5.39	34
200	5.81	.344	6.31	5.04	34
225	5.54	.327	6.06	4.87	34
250	5.28	.314	5.75	4.64	34
300	4.85	.303	5.43	4.19	34
400	4.35	.212	4.87	3.90	34
500	4.08	.174	4.42	3.72	31
600	3.85	.124	4.07	3.61	31
700	3.65	.094	3.86	3.45	31
800	3.45	.077	3.68	3.31	31
900	3.26	.063	3.44	3.15	31
1000	3.07	.054	3.17	2.98	31
1200	2.75	.043	2.82	2.67	30
1500	2.36	.039	2.41	2.27	19
2000	1.94	.052	2.02	1.89	5
2500	1.73	.021	1.74	1.71	2
3000	1.64	n/a	n/a	n/a	1

SALINITY

MEAN	S.D.	MAX	MIN	N
32.530	.0834	32.665	32.309	34
32.519	.0781	32.670	32.279	34
32.520	.0714	32.660	32.356	34
32.521	.0726	32.660	32.311	34
32.548	.0548	32.660	32.457	34
32.592	.0686	32.720	32.501	34
32.806	.1584	33.182	32.566	34
33.240	.2296	33.660	32.731	34
33.610	.1753	33.845	33.334	34
33.776	.0708	33.891	33.550	34
33.841	.0497	33.910	33.714	34
33.862	.0413	33.920	33.749	34
33.878	.0374	33.962	33.780	34
33.910	.0347	34.020	33.837	34
33.995	.0317	34.092	33.948	34
34.083	.0250	34.138	34.044	31
34.162	.0245	34.217	34.119	31
34.232	.0229	34.289	34.189	31
34.289	.0200	34.333	34.249	31
34.335	.0173	34.379	34.301	31
34.376	.0161	34.412	34.346	31
34.441	.0164	34.484	34.408	30
34.509	.0185	34.545	34.467	19
34.589	.0073	34.598	34.577	5
34.628	.0000	34.631	34.626	2
34.657	n/a	n/a	n/a	1

SIGMA T

PRESS	MEAN	S.D.	MAX	MIN	N
0	25.259	.1894	25.589	24.650	34
10	25.373	.1660	25.596	24.825	34
20	25.397	.1454	25.621	25.040	34
30	25.325	.1371	25.684	25.082	34
50	25.421	.1214	25.704	25.222	34
75	25.511	.1098	25.752	25.308	34
100	25.744	.1321	25.986	25.456	34
125	26.132	.1876	26.444	25.609	34
150	26.443	.0955	26.621	26.253	34
175	26.598	.0517	26.695	26.496	34
200	26.663	.0368	26.756	26.608	34
225	26.733	.0338	26.794	26.671	34
250	26.777	.0327	26.840	26.713	34
300	26.851	.0302	26.921	26.790	34
400	26.974	.0305	27.042	26.915	34
500	27.072	.0292	27.131	27.024	31
600	27.157	.0274	27.210	27.113	31
700	27.233	.0230	27.283	27.191	31
800	27.298	.0193	27.339	27.260	31
900	27.353	.0155	27.388	27.321	31
1000	27.403	.0138	27.427	27.379	31
1200	27.484	.0137	27.517	27.461	30
1500	27.572	.0150	27.596	27.540	19
2000	27.669	.0087	27.679	27.660	5
2500	27.717	.0074	27.720	27.714	2
3000	27.746	n/a	n/a	n/a	1

SVA

MEAN	S.D.	MAX	MIN	N
272.0	18.03	330.0	240.6	34
270.9	15.82	313.6	240.1	34
268.7	13.87	293.2	237.8	34
266.2	13.08	289.4	232.0	34
257.3	11.61	276.4	230.3	34
249.1	10.52	268.5	226.0	34
227.2	12.58	254.7	204.3	34
190.7	17.80	240.5	161.1	34
161.4	9.06	179.6	144.6	34
147.1	4.93	156.5	137.8	34
139.2	3.56	146.4	132.0	34
134.6	3.30	140.7	128.5	34
130.7	3.22	136.9	124.3	34
123.9	3.00	129.9	116.8	34
112.9	2.99	118.6	106.2	34
104.2	2.92	108.9	98.5	31
96.7	2.69	101.1	91.7	31
90.1	2.28	94.1	85.1	31
84.4	1.89	88.1	80.3	31
79.6	1.53	82.7	76.4	31
75.1	1.35	77.5	72.8	31
68.0	1.28	70.2	65.0	30
60.1	1.38	62.9	57.8	19
51.6	1.04	52.5	50.4	5
47.7	.57	48.1	47.3	2
46.1	n/a	n/a	n/a	1

THETA

PRESS	MEAN	S.D.	MAX	MIN	N
0	8.64	1.092	12.60	7.09	34
10	8.51	.890	11.04	7.10	34
20	8.35	.802	9.66	6.85	34
30	8.17	.781	9.47	6.37	34
50	7.65	.746	8.97	6.21	34
75	7.24	.716	8.43	5.97	34
100	6.77	.581	7.77	5.77	34
125	6.41	.422	7.34	5.61	34
150	6.26	.372	6.93	5.51	34
175	6.07	.343	6.73	5.37	34
200	5.79	.343	6.29	5.03	34
225	5.52	.327	6.04	4.85	34
250	5.26	.313	5.73	4.62	34
300	4.83	.302	5.40	4.17	34
400	4.32	.211	4.83	3.87	34
500	4.04	.174	4.38	3.68	31
600	3.81	.123	4.02	3.57	31
700	3.60	.093	3.80	3.40	31
800	3.39	.076	3.62	3.26	31
900	3.20	.063	3.38	3.09	31
1000	3.00	.053	3.10	2.92	31
1200	2.67	.043	2.74	2.59	30
1500	2.25	.037	2.31	2.17	19
2000	1.80	.052	1.88	1.75	5
2500	1.54	.021	1.56	1.53	2
3000	1.42	n/a	n/a	n/a	1

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
272.0	18.03	330.0	240.6	34
270.7	15.79	313.3	240.0	34
268.4	13.84	292.8	237.5	34
265.7	13.03	288.8	231.6	34
256.6	11.54	275.4	229.7	34
248.0	10.43	267.2	225.0	34
225.8	12.54	253.1	202.8	34
188.9	17.81	238.6	159.3	34
159.3	9.05	177.3	142.5	34
144.7	4.90	154.3	135.4	34
136.6	3.49	143.7	129.7	34
131.8	3.19	137.7	126.0	34
127.6	3.11	133.7	121.6	34
120.5	2.86	126.3	113.9	34
108.9	2.88	114.4	102.4	34
99.5	2.78	104.0	93.9	31
91.3	2.58	95.6	86.3	31
84.1	2.18	88.1	79.4	31
77.9	1.81	81.5	74.0	31
72.6	1.47	75.7	69.4	31
67.8	1.30	70.1	65.6	31
60.1	1.26	62.3	57.0	30
51.7	1.40	54.7	49.4	19
42.3	.86	43.1	41.3	5
37.5	.35	37.7	37.2	2
34.4	n/a	n/a	n/a	1

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DELTA D

PRESS	MEAN	S.D.	MAX	MIN	N
0	.000	.0000	.000	.000	34
10	.272	.0163	.320	.240	34
20	.542	.0317	.630	.480	34
30	.811	.0449	.920	.720	34
50	1.336	.0668	1.480	1.180	34
75	1.969	.0928	2.170	1.750	34
100	2.566	.1079	2.770	2.300	34
125	3.090	.1225	3.280	2.800	34
150	3.528	.1421	3.790	3.220	34
175	3.911	.1541	4.190	3.590	34
200	4.268	.1608	4.550	3.930	34
225	4.610	.1664	4.890	4.250	34
250	4.942	.1718	5.220	4.570	34
300	5.577	.1813	5.860	5.170	34
400	6.756	.2020	7.100	6.290	34
500	7.837	.2299	8.230	7.310	31
600	8.842	.2464	9.270	8.270	31
700	9.774	.2622	10.230	9.150	31
800	10.646	.2779	11.120	9.970	31
900	11.466	.2897	11.940	10.760	31
1000	12.237	.2992	12.720	11.510	31
1200	13.650	.3084	14.150	12.890	30
1500	15.552	.3655	16.040	14.760	19
2000	18.642	.2395	18.860	18.250	5
2500	21.210	.1131	21.290	21.130	2
3000	23.490	n/a	n/a	n/a	1

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.00	.000	.00	.00	34
.01	.002	.02	.01	34
.06	.005	.06	.05	34
.12	.007	.14	.11	34
.34	.015	.37	.30	34
.74	.033	.81	.66	34
1.27	.049	1.36	1.15	34
1.87	.078	2.05	1.72	34
2.49	.115	2.78	2.31	34
3.12	.138	3.45	2.92	34
3.80	.150	4.13	3.57	34
4.54	.163	4.87	4.28	34
5.34	.176	5.67	5.04	34
7.13	.207	7.45	6.73	34
11.33	.293	11.84	10.72	34
16.29	.419	17.03	15.41	31
21.92	.548	22.86	20.74	31
28.10	.694	29.22	26.57	31
34.76	.837	36.06	32.89	31
41.85	.970	43.44	39.70	31
49.33	1.087	51.15	46.97	31
65.28	1.327	67.61	62.40	30
91.50	1.841	94.29	88.06	19
142.54	1.156	143.80	140.75	5
200.65	.373	200.92	200.39	2
266.57	n/a	n/a	n/a	1

OXYGEN

PRESS	MEAN	S.D.	MAX	MIN	N
0	6.92	.021	6.94	6.91	2
10	6.98	.014	6.99	6.97	2
20	6.99	.035	7.01	6.96	2
30	6.98	.028	7.00	6.96	2
50	6.94	.064	6.99	6.90	2
75	6.92	.057	6.96	6.88	2
100	6.03	.566	6.43	5.63	2
125	5.13	.877	5.75	4.51	2
150	4.34	.771	4.88	3.79	2
175	3.75	.467	4.08	3.42	2
200	3.46	.813	4.03	2.88	2
225	3.24	.955	3.91	2.56	2
250	2.98	.997	3.68	2.27	2
300	2.41	.877	3.03	1.79	2
400	1.45	.339	1.69	1.21	2
500	.88	.085	.94	.82	2
600	.55	.042	.58	.52	2
700	.42	.014	.43	.41	2
800	.38	.021	.39	.36	2
900	.38	.007	.39	.38	2
1000	.40	.014	.41	.39	2
1200	.56	.113	.64	.48	2
1500	.76	.085	.82	.70	2
2000	1.45	.120	1.54	1.37	2
2500	1.91	n/a	n/a	n/a	1
3000	2.42	n/a	n/a	n/a	1

SOUND

MEAN	S.D.	MAX	MIN	N
1482	4.2	1497	1476	34
1482	3.3	1491	1476	34
1481	3.0	1486	1476	34
1481	3.0	1486	1474	34
1479	2.9	1484	1474	34
1478	2.8	1483	1473	34
1477	2.3	1481	1473	34
1477	1.6	1479	1473	34
1477	1.6	1480	1473	34
1477	1.5	1479	1474	34
1476	1.5	1478	1473	34
1475	1.3	1477	1473	34
1475	1.3	1477	1472	34
1474	1.2	1476	1471	34
1474	.9	1476	1472	34
1474	.8	1476	1473	31
1475	.6	1476	1474	31
1476	.4	1477	1475	31
1477	.5	1478	1476	31
1478	.5	1478	1477	31
1478	.5	1479	1478	31
1480	.5	1481	1480	30
1484	.5	1484	1483	19
1490	.5	1491	1490	5
1498	.0	1498	1498	2
1506	n/a	n/a	n/a	1

DELTA DH

PRESS	MEAN	S.D.	MAX	MIN	N
0	12.238	.2995	12.724	11.512	31
10	11.968	.2898	12.453	11.270	31
20	11.699	.2816	12.183	11.029	31
30	11.431	.2750	11.912	10.794	31
50	10.906	.2630	11.377	10.336	31
75	10.272	.2512	10.734	9.764	31
100	9.672	.2370	10.097	9.212	31
125	9.147	.2085	9.473	8.714	31
150	8.710	.1895	9.028	8.294	31
175	8.328	.1826	8.639	7.923	31
200	7.972	.1771	8.279	7.582	31
225	7.631	.1724	7.932	7.258	31
250	7.300	.1670	7.591	6.941	31
300	6.665	.1555	6.935	6.339	31
400	5.485	.1280	5.713	5.220	31
500	4.401	.0994	4.589	4.197	31
600	3.396	.0735	3.535	3.245	31
700	2.464	.0507	2.561	2.364	31
800	1.592	.0306	1.649	1.533	31
900	.772	.0139	.797	.748	31
1000	.000	.0000	.000	.000	31
1200	-1.426	.0265	-1.376	-1.469	30
1500	-3.342	.0632	-3.221	-3.448	19
2000	-6.155	.0505	-6.079	-6.215	5
2500	-8.701	.0075	-8.696	-8.707	2
3000	-11.058	n/a	n/a	n/a	1

STATION MP14 J U N E 1956 to 1990

TEMPERATURE

PRESS	MEAN	S.D.	MAX	MIN	N
0	11.05	.930	12.50	9.80	15
10	11.01	.951	12.28	9.48	15
20	10.57	1.041	12.25	8.94	15
30	9.59	.897	11.35	7.68	15
50	8.03	.797	9.31	6.32	15
75	7.06	.668	8.14	5.67	15
100	6.57	.565	7.65	5.59	15
125	6.35	.536	7.83	5.42	15
150	6.23	.514	7.73	5.56	15
175	6.06	.530	7.52	5.44	15
200	5.83	.556	7.37	5.18	15
225	5.57	.563	7.20	4.98	15
250	5.32	.581	7.06	4.77	15
300	4.89	.578	6.76	4.42	15
400	4.31	.154	4.58	4.01	12
500	4.02	.081	4.17	3.85	11
600	3.81	.085	3.97	3.69	11
700	3.63	.078	3.76	3.50	11
800	3.45	.070	3.56	3.33	11
900	3.28	.084	3.45	3.16	11
1000	3.11	.078	3.25	3.00	11
1200	2.76	.070	2.86	2.66	11
1500	2.37	.032	2.43	2.32	8
2000	1.99	n/a	n/a	n/a	1
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0

SALINITY

MEAN	S.D.	MAX	MIN	N
32.471	.1376	32.668	32.180	15
32.462	.1241	32.604	32.180	15
32.464	.1201	32.600	32.190	15
32.489	.0930	32.610	32.320	15
32.528	.0763	32.630	32.400	15
32.604	.1012	32.780	32.430	15
32.835	.2294	33.350	32.538	15
33.220	.2279	33.570	32.715	15
33.590	.1193	33.740	33.317	15
33.761	.0659	33.867	33.540	15
33.826	.0406	33.900	33.754	15
33.848	.0380	33.909	33.794	15
33.863	.0369	33.910	33.800	15
33.888	.0365	33.954	33.830	15
33.987	.0284	34.035	33.941	12
34.084	.0299	34.128	34.045	11
34.159	.0241	34.193	34.124	11
34.227	.0231	34.248	34.177	11
34.288	.0212	34.316	34.248	11
34.339	.0249	34.364	34.290	11
34.377	.0224	34.401	34.332	11
34.438	.0246	34.471	34.394	11
34.506	.0346	34.571	34.450	8
34.580	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

SIGMA T

PRESS	MEAN	S.D.	MAX	MIN	N
0	24.819	.1900	25.095	24.422	15
10	24.818	.1964	25.143	24.422	15
20	24.896	.1751	25.245	24.610	15
30	25.080	.1261	25.305	24.877	15
50	25.351	.1197	25.666	25.203	15
75	25.547	.1185	25.758	25.319	15
100	25.793	.1580	26.052	25.576	15
125	26.125	.1585	26.441	25.842	15
150	26.432	.0922	26.596	26.301	15
175	26.588	.0731	26.689	26.445	15
200	26.667	.0653	26.748	26.488	15
225	26.717	.0601	26.784	26.533	15
250	26.759	.0628	26.826	26.562	15
300	26.828	.0643	26.899	26.622	15
400	26.971	.0291	27.008	26.906	12
500	27.079	.0250	27.111	27.043	11
600	27.160	.0194	27.185	27.131	11
700	27.232	.0199	27.259	27.191	11
800	27.298	.0208	27.331	27.258	11
900	27.355	.0200	27.379	27.313	11
1000	27.400	.0188	27.422	27.365	11
1200	27.481	.0228	27.509	27.442	11
1500	27.568	.0291	27.621	27.522	8
2000	27.659	n/a	n/a	n/a	1
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0

SVA

MEAN	S.D.	MAX	MIN	N
313.9	18.11	351.8	287.6	15
314.2	18.74	352.0	283.2	15
307.0	16.71	334.2	273.7	15
289.6	12.04	309.0	268.1	15
264.0	11.45	278.2	233.9	15
245.6	11.33	267.4	225.3	15
222.4	14.98	243.0	198.1	15
191.3	15.01	217.9	161.2	15
162.5	8.77	174.6	146.8	15
148.0	7.07	162.1	138.3	15
140.7	6.39	158.3	132.9	15
136.2	5.95	154.4	129.6	15
132.3	6.23	151.9	125.8	15
126.1	6.44	146.9	119.3	15
113.0	2.84	119.5	109.6	12
103.5	2.39	107.0	100.5	11
96.5	1.83	99.2	94.1	11
90.2	1.93	94.0	87.4	11
84.4	2.03	88.3	81.2	11
79.5	1.89	83.4	77.0	11
75.6	1.81	78.8	73.3	11
68.4	2.19	72.1	65.7	11
60.5	2.71	64.9	55.6	8
52.7	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

THETA

PRESS	MEAN	S.D.	MAX	MIN	N
0	11.05	.930	12.50	9.80	15
10	11.01	.950	12.28	9.48	15
20	10.57	1.041	12.25	8.94	15
30	9.59	.897	11.35	7.68	15
50	8.02	.793	9.30	6.32	15
75	7.05	.667	8.13	5.67	15
100	6.56	.565	7.64	5.58	15
125	6.33	.536	7.82	5.41	15
150	6.22	.515	7.72	5.54	15
175	6.05	.527	7.50	5.43	15
200	5.81	.555	7.35	5.17	15
225	5.55	.563	7.18	4.96	15
250	5.29	.581	7.04	4.75	15
300	4.87	.578	6.74	4.40	15
400	4.28	.154	4.55	3.98	12
500	3.98	.082	4.13	3.81	11
600	3.77	.084	3.93	3.65	11
700	3.58	.077	3.71	3.45	11
800	3.39	.068	3.50	3.28	11
900	3.21	.085	3.39	3.09	11
1000	3.04	.077	3.17	2.93	11
1200	2.68	.068	2.78	2.58	11
1500	2.27	.032	2.33	2.22	8
2000	1.85	n/a	n/a	n/a	1
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
313.9	18.11	351.8	287.6	15
314.0	18.71	351.7	283.0	15
306.5	16.67	333.7	273.3	15
289.0	12.01	308.3	267.6	15
263.2	11.39	277.3	233.2	15
244.5	11.25	266.2	224.5	15
221.1	15.00	241.7	196.5	15
189.6	15.07	216.5	159.6	15
160.4	8.74	172.8	144.8	15
145.6	6.93	159.1	136.0	15
136.0	6.19	155.0	130.4	15
133.3	5.67	150.6	126.9	15
129.3	5.92	147.9	123.0	15
122.8	6.07	142.2	116.0	15
109.1	2.76	115.3	105.6	12
98.8	2.37	102.3	95.8	11
91.1	1.80	93.8	88.7	11
84.3	1.88	86.7	81.7	11
77.9	1.95	81.7	74.8	11
72.5	1.90	76.5	70.3	11
68.2	1.76	71.5	66.1	11
60.4	2.11	64.1	57.8	11
52.0	2.73	56.4	47.0	8
43.2	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

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DELTA D

PRESS	MEAN	S.D.	MAX	MIN	N
0	.000	.0000	.000	.000	15
10	.314	.0172	.350	.290	15
20	.629	.0374	.710	.570	15
30	.931	.0482	1.000	.840	15
50	1.483	.0555	1.540	1.370	15
75	2.123	.0757	2.230	1.950	15
100	2.702	.0932	2.850	2.500	15
125	3.220	.1078	3.380	3.050	15
150	3.660	.1158	3.840	3.440	15
175	4.045	.1224	4.250	3.790	15
200	4.405	.1291	4.630	4.130	15
225	4.750	.1351	4.980	4.470	15
250	5.085	.1424	5.330	4.790	15
300	5.732	.1563	6.000	5.430	15
400	6.941	.1591	7.250	6.710	12
500	8.034	.1824	8.380	7.770	11
600	9.030	.1977	9.390	8.740	11
700	9.964	.2072	10.330	9.680	11
800	10.836	.2197	11.200	10.550	11
900	11.654	.2332	12.020	11.360	11
1000	12.431	.2459	12.800	12.110	11
1200	13.865	.2718	14.220	13.510	11
1500	15.806	.3476	16.250	15.410	8
2000	18.220	n/a	n/a	n/a	1
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.00	.000	.00	.00	15
.02	.003	.02	.01	15
.06	.005	.07	.06	15
.14	.008	.15	.13	15
.37	.012	.38	.34	15
.78	.028	.82	.71	15
1.29	.052	1.37	1.20	15
1.89	.079	2.00	1.75	15
2.50	.104	2.64	2.30	15
3.14	.119	3.30	2.89	15
3.83	.133	4.02	3.54	15
4.57	.153	4.79	4.26	15
5.39	.175	5.64	5.06	15
7.20	.238	7.70	6.84	15
11.43	.569	11.96	10.97	12
16.38	.379	17.13	15.82	11
21.97	.467	22.81	21.30	11
28.15	.547	29.02	27.46	11
34.82	.659	35.70	34.14	11
41.92	.797	43.11	41.02	11
49.42	.951	50.96	48.26	11
65.50	1.332	67.79	63.96	11
91.98	2.348	95.94	89.22	8
137.63	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

OXYGEN

PRESS	MEAN	S.D.	MAX	MIN	N
0	n/a	n/a	n/a	n/a	0
10	n/a	n/a	n/a	n/a	0
20	n/a	n/a	n/a	n/a	0
30	n/a	n/a	n/a	n/a	0
50	n/a	n/a	n/a	n/a	0
75	n/a	n/a	n/a	n/a	0
100	n/a	n/a	n/a	n/a	0
125	n/a	n/a	n/a	n/a	0
150	n/a	n/a	n/a	n/a	0
175	n/a	n/a	n/a	n/a	0
200	n/a	n/a	n/a	n/a	0
225	n/a	n/a	n/a	n/a	0
250	n/a	n/a	n/a	n/a	0
300	n/a	n/a	n/a	n/a	0
400	n/a	n/a	n/a	n/a	0
500	n/a	n/a	n/a	n/a	0
600	n/a	n/a	n/a	n/a	0
700	n/a	n/a	n/a	n/a	0
800	n/a	n/a	n/a	n/a	0
900	n/a	n/a	n/a	n/a	0
1000	n/a	n/a	n/a	n/a	0
1200	n/a	n/a	n/a	n/a	0
1500	n/a	n/a	n/a	n/a	0
2000	n/a	n/a	n/a	n/a	0
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0

SOUND

MEAN	S.D.	MAX	MIN	N
1491	3.3	1496	1487	15
1491	3.4	1495	1485	15
1489	3.6	1495	1484	15
1486	3.5	1493	1479	15
1481	3.2	1486	1474	15
1477	2.6	1481	1472	15
1476	2.5	1481	1472	15
1476	2.2	1482	1472	15
1477	2.3	1483	1473	15
1476	2.1	1482	1474	15
1476	2.2	1482	1473	15
1475	2.4	1482	1473	15
1475	2.4	1482	1473	15
1474	2.5	1482	1472	15
1473	.6	1474	1472	12
1474	.3	1474	1473	11
1475	.5	1475	1474	11
1476	.5	1476	1475	11
1477	.5	1477	1476	11
1478	.5	1478	1477	11
1479	.5	1479	1478	11
1480	.5	1481	1480	11
1484	.0	1484	1484	8
1491	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

DELTA DH

PRESS	MEAN	S.D.	MAX	MIN	N
0	12.431	.2449	12.795	12.111	11
10	12.115	.2415	12.461	11.819	11
20	11.798	.2389	12.121	11.525	11
30	11.493	.2384	11.817	11.240	11
50	10.933	.2345	11.265	10.680	11
75	10.286	.2213	10.584	10.038	11
100	9.698	.1957	9.958	9.462	11
125	9.171	.1712	9.411	8.960	11
150	8.728	.1582	8.951	8.550	11
175	8.342	.1535	8.548	8.167	11
200	7.983	.1495	8.190	7.807	11
225	7.640	.1434	7.842	7.467	11
250	7.306	.1386	7.507	7.137	11
300	6.666	.1300	6.862	6.498	11
400	5.479	.1113	5.665	5.320	11
500	4.398	.0919	4.569	4.270	11
600	3.400	.0749	3.546	3.291	11
700	2.468	.0588	2.584	2.380	11
800	1.595	.0387	1.668	1.538	11
900	.775	.0188	.811	.748	11
1000	.000	.0000	.000	.000	11
1200	-1.434	.0376	-1.391	-1.502	11
1500	-3.358	.1115	-3.207	-3.552	8
2000	-5.921	n/a	n/a	n/a	1
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0

STATION MP14 J U L Y 1956 to 1998

TEMPERATURE

PRESS	MEAN	S.D.	MAX	MIN	N
0	12.65	1.253	15.12	11.19	12
10	12.32	1.226	15.01	11.19	12
20	11.90	.983	14.42	10.54	12
30	10.92	1.091	13.30	9.60	12
50	8.67	.981	9.90	6.85	12
75	7.38	.741	8.84	6.26	12
100	6.95	.655	8.25	5.98	12
125	6.57	.525	7.87	5.96	12
150	6.42	.518	7.85	5.79	12
175	6.16	.499	7.52	5.63	12
200	5.92	.531	7.36	5.38	12
225	5.66	.547	7.19	5.10	12
250	5.42	.532	6.89	4.84	12
300	5.03	.472	6.33	4.60	12
400	4.52	.373	5.51	4.01	12
500	4.20	.312	4.97	3.83	9
600	3.92	.256	4.57	3.64	9
700	3.71	.335	4.30	3.46	9
800	3.49	.195	3.97	3.26	9
900	3.29	.168	3.70	3.10	9
1000	3.10	.162	3.49	2.92	9
1200	2.75	.112	2.98	2.64	8
1500	2.38	.065	2.47	2.31	5
2000	1.89	n/a	n/a	n/a	1
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0

SALINITY

MEAN	S.D.	MAX	MIN	N
32.410	.1331	32.583	32.170	12
32.402	.1384	32.571	32.156	12
32.413	.1383	32.575	32.160	12
32.453	.1021	32.575	32.200	12
32.530	.0384	32.598	32.458	12
32.600	.0465	32.704	32.538	12
32.785	.1336	33.097	32.653	12
33.223	.1412	33.458	33.026	12
33.613	.1011	33.778	33.409	12
33.780	.0633	33.849	33.647	12
33.829	.0482	33.897	33.711	12
33.853	.0388	33.899	33.754	12
33.876	.0347	33.909	33.792	12
33.915	.0243	33.941	33.866	12
33.999	.0326	34.060	33.958	12
34.080	.0257	34.108	34.037	9
34.154	.0244	34.186	34.115	9
34.221	.0243	34.255	34.185	9
34.285	.0279	34.330	34.245	9
34.330	.0237	34.361	34.294	9
34.369	.0234	34.392	34.330	9
34.432	.0209	34.446	34.387	8
34.505	.0136	34.517	34.485	5
34.597	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

SIGMA T

PRESS	MEAN	S.D.	MAX	MIN	N
0	24.473	.2795	24.812	23.958	12
10	24.530	.2932	24.841	23.980	12
20	24.620	.2336	24.992	24.186	12
30	24.827	.1896	25.025	24.430	12
50	25.255	.1274	25.505	25.065	12
75	25.500	.1003	25.663	25.294	12
100	25.704	.1399	25.892	25.425	12
125	26.099	.0841	26.250	25.969	12
150	26.426	.0806	26.568	26.293	12
175	26.590	.0711	26.688	26.434	12
200	26.659	.0631	26.740	26.498	12
225	26.710	.0618	26.781	26.540	12
250	26.757	.0576	26.820	26.597	12
300	26.834	.0524	26.890	26.695	12
400	26.957	.0498	27.002	26.819	12
500	27.056	.0467	27.086	26.938	9
600	27.144	.0392	27.173	27.045	9
700	27.218	.0366	27.251	27.130	9
800	27.291	.0305	27.331	27.226	9
900	27.347	.0251	27.376	27.296	9
1000	27.395	.0238	27.421	27.346	9
1200	27.477	.0193	27.496	27.445	8
1500	27.567	.0159	27.582	27.543	5
2000	27.680	n/a	n/a	n/a	1
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0

SVA

MEAN	S.D.	MAX	MIN	N
346.9	26.66	396.0	314.5	12
341.6	27.96	394.1	312.0	12
333.3	22.30	374.8	297.8	12
313.8	18.13	351.7	294.9	12
273.2	12.21	291.4	249.2	12
250.1	9.64	270.0	234.5	12
231.1	13.37	257.8	213.3	12
193.8	7.94	206.2	179.5	12
163.2	7.72	176.2	149.6	12
147.9	6.86	163.1	138.5	12
141.5	6.16	157.4	133.7	12
136.9	6.09	153.7	129.9	12
132.6	5.73	148.6	126.5	12
125.7	5.24	139.6	120.1	12
114.6	4.98	128.5	110.2	12
105.9	4.69	117.8	102.7	9
98.1	4.00	108.3	95.2	9
91.6	3.76	100.8	88.4	9
85.2	3.14	92.2	81.4	9
80.3	2.57	85.9	77.5	9
76.0	2.49	81.5	73.4	9
68.6	1.94	72.3	66.6	8
60.7	1.63	63.2	59.0	5
50.3	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

THETA

PRESS	MEAN	S.D.	MAX	MIN	N
0	12.65	1.253	15.12	11.19	12
10	12.32	1.226	15.01	11.19	12
20	11.90	.983	14.42	10.54	12
30	10.92	1.091	13.30	9.60	12
50	8.67	.978	9.89	6.85	12
75	7.37	.741	8.83	6.25	12
100	6.94	.655	8.24	5.97	12
125	6.56	.525	7.86	5.95	12
150	6.41	.518	7.84	5.77	12
175	6.15	.502	7.51	5.61	12
200	5.90	.531	7.34	5.37	12
225	5.64	.547	7.17	5.08	12
250	5.40	.532	6.87	4.82	12
300	5.01	.470	6.30	4.58	12
400	4.49	.372	5.48	3.98	12
500	4.16	.312	4.93	3.79	9
600	3.88	.254	4.52	3.60	9
700	3.66	.231	4.24	3.41	9
800	3.43	.193	3.91	3.21	9
900	3.23	.164	3.63	3.04	9
1000	3.02	.159	3.41	2.85	9
1200	2.66	.109	2.89	2.56	8
1500	2.28	.065	2.37	2.21	5
2000	1.75	n/a	n/a	n/a	1
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
346.9	26.66	396.0	314.5	12
341.4	27.93	393.8	311.8	12
332.9	22.27	374.2	297.3	12
313.1	18.07	350.9	294.2	12
272.3	12.10	290.4	248.6	12
249.0	9.54	268.6	233.5	12
229.6	13.29	256.1	211.7	12
192.0	7.97	204.3	177.7	12
161.0	7.66	173.6	147.5	12
145.4	6.73	160.1	136.1	12
138.8	6.96	154.0	131.1	12
134.0	6.84	150.0	127.2	12
129.5	6.45	144.6	123.6	12
122.2	5.96	135.3	116.8	12
110.4	4.69	123.4	106.2	12
101.0	4.38	112.1	98.2	9
92.6	3.69	101.9	89.9	9
85.5	3.45	93.8	82.4	9
78.6	3.09	84.7	74.8	9
73.3	2.36	78.0	70.5	9
68.7	2.26	73.2	66.2	9
60.8	1.80	63.8	59.0	8
52.2	1.46	54.4	50.7	5
41.3	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

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DELTA D

PRESS	MEAN	S.D.	MAX	MIN	N
0	.000	.0000	.000	.000	12
10	.346	.0268	.400	.320	12
20	.688	.0528	.780	.630	12
30	1.010	.0692	1.140	.930	12
50	1.594	.0799	1.760	1.510	12
75	2.248	.0854	2.420	2.130	12
100	2.847	.1017	3.020	2.690	12
125	3.381	.1178	3.590	3.210	12
150	3.822	.1155	4.040	3.640	12
175	4.208	.1142	4.420	4.000	12
200	4.570	.1150	4.780	4.340	12
225	4.917	.1171	5.120	4.670	12
250	5.254	.1235	5.460	4.990	12
300	5.899	.1381	6.120	5.610	12
400	7.094	.1768	7.420	6.750	12
500	8.224	.2416	8.660	7.820	9
600	9.242	.2786	9.790	8.810	9
700	10.189	.3124	10.830	9.730	9
800	11.078	.3430	11.800	10.590	9
900	11.906	.3661	12.690	11.400	9
1000	12.686	.3881	13.530	12.160	9
1200	14.105	.4500	15.060	13.580	8
1500	16.026	.6199	17.090	15.480	5
2000	18.670	n/a	n/a	n/a	1
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.00	.000	.00	.00	12
.02	.000	.02	.02	12
.07	.006	.08	.06	12
.15	.011	.17	.14	12
.39	.014	.42	.37	12
.81	.022	.84	.76	12
1.34	.049	1.42	1.25	12
1.95	.073	2.10	1.85	12
2.57	.074	2.72	2.45	12
3.21	.079	3.36	3.05	12
3.90	.092	4.05	3.70	12
4.65	.118	4.82	4.40	12
5.46	.147	5.74	5.17	12
7.27	.212	7.76	6.91	12
11.54	.377	12.52	11.01	12
16.62	.656	18.16	15.90	9
22.32	.903	24.52	21.45	9
28.60	1.151	31.43	27.54	9
35.39	1.382	38.80	34.11	9
42.55	1.600	46.51	41.11	9
50.11	1.831	54.64	48.52	9
66.12	2.448	71.80	64.35	8
93.02	3.814	99.68	90.49	5
140.93	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

OXYGEN

PRESS	MEAN	S.D.	MAX	MIN	N
0	6.54	.170	6.66	6.42	2
10	6.53	.177	6.66	6.41	2
20	6.58	.219	6.73	6.42	2
30	6.72	.071	6.77	6.67	2
50	6.80	.092	6.87	6.74	2
75	6.72	.226	6.88	6.56	2
100	6.35	.764	6.89	5.81	2
125	4.90	.120	4.99	4.82	2
150	4.19	.014	4.20	4.18	2
175	4.29	.184	4.42	4.16	2
200	3.76	.212	3.91	3.61	2
225	3.29	.085	3.35	3.23	2
250	2.86	.361	3.12	2.61	2
300	2.07	.057	2.11	2.03	2
400	1.43	.120	1.51	1.34	2
500	.88	.014	.89	.87	2
600	.63	.064	.67	.58	2
700	.51	.000	.51	.51	2
800	.44	.028	.46	.42	2
900	.42	.042	.45	.39	2
1000	.41	.064	.45	.36	2
1200	.48	.099	.55	.41	2
1500	.80	.163	.91	.68	2
2000	n/a	n/a	n/a	n/a	0
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0

SOUND

MEAN	S.D.	MAX	MIN	N
1496	4.3	1505	1491	12
1495	4.0	1504	1492	12
1494	3.4	1503	1490	12
1491	3.8	1499	1486	12
1483	3.9	1488	1476	12
1479	2.9	1484	1474	12
1478	2.4	1482	1474	12
1477	2.1	1482	1474	12
1477	2.1	1483	1475	12
1477	1.8	1482	1475	12
1477	2.1	1482	1474	12
1476	2.3	1482	1473	12
1475	2.1	1481	1473	12
1475	1.9	1480	1473	12
1474	1.5	1478	1472	12
1475	1.4	1478	1473	9
1475	1.1	1478	1474	9
1476	.8	1478	1475	9
1477	.9	1479	1476	9
1478	.7	1479	1477	9
1478	.7	1480	1478	9
1480	.5	1481	1480	8
1484	.0	1484	1484	5
1490	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

DELTA DH

PRESS	MEAN	S.D.	MAX	MIN	N
0	12.685	.3877	13.529	12.163	9
10	12.338	.3730	13.164	11.846	9
20	11.996	.3608	12.803	11.538	9
30	11.666	.3585	12.469	11.230	9
50	11.075	.3653	11.905	10.651	9
75	10.415	.3708	11.278	10.002	9
100	9.810	.3740	10.718	9.435	9
125	9.275	.3740	10.210	8.933	9
150	8.839	.3619	9.750	8.522	9
175	8.456	.3455	9.326	8.161	9
200	8.098	.3296	8.926	7.819	9
225	7.752	.3128	8.538	7.495	9
250	7.416	.2960	8.160	7.178	9
300	6.768	.2669	7.437	6.556	9
400	5.566	.2143	6.105	5.409	9
500	4.462	.1660	4.874	4.337	9
600	3.443	.1220	3.739	3.338	9
700	2.496	.0844	2.694	2.419	9
800	1.607	.0568	1.730	1.535	9
900	.781	.0268	.840	.751	9
1000	.000	.0000	.000	.000	9
1200	-1.433	.0540	-1.346	-1.531	8
1500	-3.380	.1055	-3.304	-3.560	5
2000	-6.118	n/a	n/a	n/a	1
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0

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TEMPERATURE

PRESS	MEAN	S.D.	MAX	MIN	N
0	15.30	.893	17.02	13.08	24
10	15.17	.897	16.82	13.08	24
20	14.45	1.123	16.75	12.43	24
30	12.45	1.655	15.59	9.38	24
50	9.28	1.550	14.13	7.12	24
75	7.59	.900	9.70	5.74	24
100	6.88	.679	7.97	5.43	24
125	6.46	.485	7.34	5.31	24
150	6.29	.399	6.99	5.53	24
175	6.12	.371	6.85	5.41	24
200	5.88	.377	6.67	5.14	24
225	5.59	.392	6.40	4.83	24
250	5.33	.408	6.11	4.56	24
300	4.91	.362	5.61	4.24	24
400	4.41	.242	4.93	3.96	24
500	4.13	.169	4.49	3.77	20
600	3.90	.131	4.13	3.62	20
700	3.68	.098	3.82	3.46	20
800	3.49	.076	3.62	3.31	20
900	3.29	.070	3.43	3.15	20
1000	3.11	.073	3.26	3.00	20
1200	2.77	.045	2.85	2.66	20
1500	2.36	.024	2.41	2.33	14
2000	1.92	.017	1.94	1.90	4
2500	1.72	.028	1.74	1.70	2
3000	1.64	.000	1.64	1.64	2

SALINITY

MEAN	S.D.	MAX	MIN	N
32.350	.1931	32.590	31.988	24
32.348	.1814	32.580	31.985	24
32.369	.1858	32.580	31.994	24
32.422	.1674	32.613	32.017	24
32.514	.1002	32.672	32.317	24
32.593	.0770	32.699	32.445	24
32.755	.1282	32.985	32.568	24
33.128	.1882	33.386	32.923	24
33.520	.1752	33.701	33.256	24
33.736	.0799	33.857	33.583	24
33.817	.0511	33.904	33.720	24
33.842	.0462	33.922	33.757	24
33.862	.0424	33.920	33.781	24
33.892	.0400	33.957	33.810	24
33.980	.0339	34.048	33.930	24
34.069	.0306	34.134	34.023	20
34.151	.0311	34.212	34.091	20
34.222	.0275	34.266	34.155	20
34.279	.0272	34.312	34.204	20
34.330	.0262	34.365	34.259	20
34.371	.0278	34.406	34.287	20
34.435	.0285	34.478	34.367	20
34.510	.0291	34.576	34.449	14
34.582	.0273	34.622	34.560	4
34.625	.0367	34.652	34.599	2
34.645	.0314	34.668	34.622	2

SIGMA T

PRESS	MEAN	S.D.	MAX	MIN	N
0	23.886	.2363	24.204	23.494	24
10	23.913	.2418	24.417	23.505	24
20	24.081	.2984	24.654	23.534	24
30	24.515	.3885	25.150	23.571	24
50	25.141	.2883	25.577	24.296	24
75	25.463	.1527	25.770	25.135	24
100	25.689	.1252	25.861	25.400	24
125	26.039	.1396	26.236	25.723	24
150	26.369	.0947	26.559	26.167	24
175	26.561	.0622	26.686	26.473	24
200	26.656	.0477	26.740	26.572	24
225	26.711	.0372	26.787	26.649	24
250	26.758	.0335	26.825	26.700	24
300	26.830	.0354	26.904	26.755	24
400	26.955	.0300	27.018	26.909	24
500	27.055	.0302	27.096	26.999	20
600	27.144	.0289	27.185	27.096	20
700	27.222	.0225	27.253	27.170	20
800	27.287	.0221	27.314	27.229	20
900	27.346	.0221	27.375	27.287	20
1000	27.396	.0240	27.431	27.324	20
1200	27.477	.0244	27.510	27.418	20
1500	27.572	.0240	27.626	27.523	14
2000	27.665	.0220	27.697	27.647	4
2500	27.715	.0286	27.735	27.695	2
3000	27.738	.0263	27.756	27.719	2

SVA

MEAN	S.D.	MAX	MIN	N
402.8	22.54	440.2	372.5	24
400.5	23.07	439.4	352.4	24
384.8	26.47	436.9	330.1	24
343.5	37.07	433.6	282.9	24
284.1	27.58	365.0	242.4	24
253.7	14.63	285.2	224.3	24
232.4	12.38	260.2	216.2	24
196.4	13.25	226.8	180.8	24
168.5	9.02	185.8	150.3	24
150.6	5.94	159.0	138.6	24
141.8	4.61	149.9	133.6	24
136.7	3.65	142.8	129.3	24
132.5	3.33	138.2	125.6	24
125.9	3.53	133.4	118.4	24
114.7	2.96	119.2	108.3	24
105.9	2.96	111.6	101.6	20
98.1	2.81	102.6	93.9	20
91.2	2.19	96.1	87.9	20
85.6	2.11	91.0	82.7	20
80.3	2.12	85.8	77.5	20
75.9	2.31	82.7	72.4	20
68.7	2.32	74.4	65.5	20
60.1	2.25	64.7	55.1	14
51.8	2.02	53.5	48.9	4
47.9	2.40	49.6	46.2	2
46.9	2.26	48.5	45.3	2

THETA

PRESS	MEAN	S.D.	MAX	MIN	N
0	15.30	.893	17.02	13.08	24
10	15.17	.897	16.82	13.08	24
20	14.45	1.123	16.75	12.43	24
30	12.45	1.655	15.59	9.38	24
50	9.28	1.548	14.12	7.12	24
75	7.58	.901	9.69	5.73	24
100	6.87	.679	7.96	5.42	24
125	6.45	.485	7.33	5.30	24
150	6.28	.399	6.98	5.52	24
175	6.11	.371	6.84	5.40	24
200	5.86	.376	6.65	5.12	24
225	5.57	.392	6.38	4.81	24
250	5.31	.407	6.09	4.54	24
300	4.89	.361	5.58	4.22	24
400	4.38	.241	4.90	3.93	24
500	4.09	.169	4.45	3.73	20
600	3.86	.131	4.09	3.58	20
700	3.63	.098	3.77	3.41	20
800	3.43	.075	3.56	3.26	20
900	3.23	.072	3.36	3.08	20
1000	3.04	.072	3.18	2.93	20
1200	2.69	.045	2.76	2.58	20
1500	2.26	.024	2.30	2.23	14
2000	1.79	.013	1.80	1.77	4
2500	1.54	.021	1.56	1.53	2
3000	1.41	.007	1.42	1.41	2

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
402.8	22.54	440.2	372.5	24
400.2	23.05	439.1	352.2	24
384.4	26.43	436.3	329.6	24
342.7	36.99	432.7	282.4	24
283.2	27.42	363.6	241.7	24
252.5	14.50	283.7	223.4	24
231.0	12.28	258.5	214.7	24
197.7	13.25	224.9	179.0	24
166.4	9.02	183.7	148.3	24
148.2	5.88	156.5	136.3	24
139.1	4.51	147.1	131.1	24
133.9	3.51	139.8	126.7	24
129.4	3.16	134.9	123.1	24
122.5	3.34	129.6	115.5	24
110.6	2.85	115.0	104.6	24
101.1	2.85	106.4	97.2	20
92.6	2.72	97.2	88.8	20
85.2	2.15	90.1	81.2	20
79.0	2.08	84.5	76.5	20
73.3	2.10	78.9	70.6	20
68.5	2.26	75.3	65.4	20
60.8	2.31	66.4	57.7	20
51.6	2.28	56.3	46.5	14
42.6	2.10	44.4	39.6	4
34.9	2.69	39.6	32.8	2
35.3	2.47	37.0	33.5	2

STATION MP14 A U G U S T 1956 to 1998

DELTA D

PRESS	MEAN	S.D.	MAX	MIN	N
0	.000	.0000	.000	.000	24
10	.402	.0217	.440	.370	24
20	.799	.0451	.880	.710	24
30	1.165	.0674	1.310	1.040	24
50	1.789	.1160	2.030	1.580	24
75	2.460	.1595	2.770	2.150	24
100	3.064	.1848	3.410	2.710	24
125	3.605	.1918	4.000	3.250	24
150	4.063	.1994	4.510	3.710	24
175	4.460	.2081	4.910	4.090	24
200	4.824	.2128	5.260	4.440	24
225	5.172	.2182	5.610	4.770	24
250	5.508	.2224	5.940	5.090	24
300	6.152	.2321	6.580	5.700	24
400	7.353	.2501	7.780	6.820	24
500	8.462	.2818	8.920	7.880	20
600	9.481	.3016	9.970	8.860	20
700	10.426	.3190	10.950	9.770	20
800	11.310	.3313	11.870	10.630	20
900	12.138	.3427	12.720	11.440	20
1000	12.919	.3540	13.530	12.190	20
1200	14.360	.3829	15.030	13.560	20
1500	16.223	.4175	16.800	15.440	14
2000	19.215	.2281	19.460	18.940	4
2500	21.700	.2546	21.880	21.520	2
3000	24.075	.3607	24.330	23.820	2

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.00	.000	.00	.00	24
.02	.000	.02	.02	24
.08	.005	.09	.07	24
.17	.012	.20	.15	24
.43	.034	.49	.37	24
.86	.063	1.00	.74	24
1.39	.086	1.60	1.24	24
2.01	.103	2.30	1.85	24
2.65	.122	3.00	2.46	24
3.31	.142	3.66	3.06	24
4.01	.157	4.34	3.72	24
4.76	.173	5.09	4.44	24
5.57	.187	5.89	5.23	24
7.38	.222	7.75	6.97	24
11.66	.358	12.24	11.01	24
16.70	.458	17.44	15.85	20
22.41	.599	23.26	21.32	20
28.67	.750	29.73	27.35	20
35.42	.880	36.66	33.93	20
42.59	1.046	44.31	40.89	20
50.14	1.226	52.45	48.19	20
66.29	1.687	70.14	63.52	20
92.46	2.556	98.61	89.40	14
143.01	4.030	147.43	137.85	4
199.18	9.341	205.79	192.58	2
265.78	12.530	274.64	256.92	2

OXYGEN

PRESS	MEAN	S.D.	MAX	MIN	N
0	5.89	.242	6.11	5.63	3
10	5.96	.255	6.22	5.71	3
20	6.04	.119	6.18	5.96	3
30	6.44	.244	6.71	6.24	3
50	6.40	.397	6.77	5.98	3
75	6.42	.403	6.71	5.96	3
100	5.81	.525	6.32	5.27	3
125	5.29	.552	5.75	4.67	3
150	4.89	.486	5.39	4.42	3
175	4.34	.401	4.79	4.02	3
200	4.02	.202	4.25	3.89	3
225	3.65	.304	3.85	3.30	3
250	3.31	.419	3.60	2.83	3
300	2.68	.414	2.94	2.20	3
400	1.64	.172	1.76	1.44	3
500	1.13	.110	1.24	1.02	3
600	.79	.080	.87	.71	3
700	.58	.015	.60	.57	3
800	.45	.067	.49	.37	3
900	.40	.062	.45	.33	3
1000	.38	.064	.42	.31	3
1200	.48	.068	.53	.40	3
1500	.74	.028	.76	.72	2
2000	1.39	.120	1.48	1.31	2
2500	1.90	n/a	n/a	n/a	1
3000	2.41	n/a	n/a	n/a	1

SOUND

MEAN	S.D.	MAX	MIN	N
1505	2.9	1511	1498	24
1505	3.8	1510	1498	24
1503	3.6	1510	1496	24
1496	5.6	1506	1485	24
1485	5.6	1502	1477	24
1479	3.4	1487	1472	24
1477	2.8	1481	1471	24
1476	2.1	1480	1471	24
1477	1.6	1479	1474	24
1477	1.6	1480	1474	24
1476	1.6	1480	1473	24
1476	1.7	1479	1472	24
1475	1.7	1478	1472	24
1474	1.5	1477	1471	24
1474	1.0	1476	1472	24
1474	.7	1476	1473	20
1475	.6	1476	1474	20
1476	.4	1477	1475	20
1477	.2	1477	1476	20
1478	.4	1478	1477	20
1479	.5	1479	1478	20
1481	.5	1481	1480	20
1484	.0	1484	1484	14
1490	.0	1490	1490	4
1498	.0	1498	1498	2
1506	.0	1506	1506	2

DELTA DH

PRESS	MEAN	S.D.	MAX	MIN	N
0	12.918	.3542	13.526	12.191	20
10	12.515	.3419	13.084	11.815	20
20	12.119	.3256	12.641	11.477	20
30	11.748	.3082	12.218	11.153	20
50	11.116	.2836	11.494	10.611	20
75	10.440	.2680	10.790	9.989	20
100	9.833	.2496	10.177	9.373	20
125	9.296	.2372	9.639	8.852	20
150	8.843	.2251	9.190	8.440	20
175	8.449	.2124	8.804	8.082	20
200	8.086	.2017	8.442	7.742	20
225	7.740	.1930	8.090	7.414	20
250	7.404	.1853	7.749	7.095	20
300	6.759	.1706	7.092	6.485	20
400	5.559	.1396	5.848	5.352	20
500	4.456	.1124	4.708	4.302	20
600	3.437	.0871	3.654	3.318	20
700	2.491	.0627	2.656	2.409	20
800	1.608	.0430	1.724	1.558	20
900	.780	.0215	.841	.752	20
1000	.000	.0000	.000	.000	20
1200	-1.440	.0474	-1.364	-1.578	20
1500	-3.357	.1142	-3.209	-3.650	14
2000	-6.170	.2159	-5.881	-6.404	4
2500	-8.608	.4794	-8.269	-8.947	2
3000	-10.984	.5933	-10.564	-11.403	2

STATION MP14 S E P T E M B E R 1956 to 1990

TEMPERATURE

PRESS	MEAN	S.D.	MAX	MIN	N
0	15.16	1.004	17.50	13.46	18
10	15.10	1.004	17.18	13.46	18
20	14.96	.882	16.08	13.46	18
30	13.33	1.394	15.86	11.44	18
50	9.14	1.310	12.94	7.16	18
75	7.59	.669	9.05	6.07	18
100	6.94	.496	7.59	5.53	18
125	6.52	.344	7.08	5.50	18
150	6.33	.285	6.85	5.51	18
175	6.21	.265	6.71	5.44	18
200	5.99	.297	6.55	5.21	18
225	5.72	.309	6.31	4.95	18
250	5.46	.332	6.12	4.72	18
300	5.02	.278	5.63	4.38	18
400	4.41	.214	4.87	4.03	17
500	4.11	.166	4.40	3.82	15
600	3.89	.122	4.09	3.66	15
700	3.69	.111	3.85	3.48	15
800	3.50	.083	3.61	3.35	15
900	3.30	.065	3.40	3.18	15
1000	3.11	.061	3.20	3.01	15
1200	2.77	.058	2.85	2.68	14
1500	2.39	.039	2.46	2.34	10
2000	1.91	.032	1.95	1.89	3
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0

SALINITY

MEAN	S.D.	MAX	MIN	N
32.392	.1110	32.570	32.190	18
32.388	.1176	32.570	32.143	18
32.400	.1157	32.577	32.149	18
32.474	.1171	32.660	32.170	18
32.588	.1013	32.840	32.469	18
32.663	.0884	32.810	32.490	18
32.829	.1446	33.050	32.530	18
33.194	.1632	33.464	32.944	18
33.536	.1157	33.715	33.309	18
33.731	.0741	33.863	33.585	18
33.827	.0502	33.927	33.745	18
33.858	.0399	33.948	33.798	18
33.876	.0368	33.950	33.819	18
33.903	.0312	33.970	33.849	18
33.979	.0305	34.028	33.919	17
34.071	.0274	34.115	34.016	15
34.161	.0209	34.207	34.120	15
34.228	.0179	34.260	34.191	15
34.287	.0162	34.320	34.255	15
34.335	.0180	34.370	34.306	15
34.374	.0150	34.399	34.346	15
34.433	.0167	34.451	34.392	14
34.506	.0112	34.523	34.486	10
34.605	.0102	34.613	34.596	3
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

SIGMA T

PRESS	MEAN	S.D.	MAX	MIN	N
0	23.948	.2375	24.413	23.455	18
10	23.957	.2404	24.413	23.528	18
20	23.997	.2092	24.413	23.714	18
30	24.387	.3108	24.757	23.814	18
50	25.224	.2213	25.541	24.545	18
75	25.521	.1155	25.753	25.280	18
100	25.741	.1359	25.961	25.508	18
125	26.083	.1233	26.307	25.850	18
150	26.378	.0774	26.532	26.221	18
175	26.547	.0577	26.622	26.406	18
200	26.650	.0449	26.727	26.546	18
225	26.707	.0388	26.777	26.619	18
250	26.753	.0330	26.809	26.682	18
300	26.827	.0229	26.889	26.797	18
400	26.954	.0211	27.000	26.918	17
500	27.059	.0177	27.097	27.023	15
600	27.152	.0153	27.180	27.128	15
700	27.226	.0158	27.260	27.207	15
800	27.292	.0134	27.319	27.273	15
900	27.349	.0152	27.379	27.323	15
1000	27.398	.0124	27.416	27.371	15
1200	27.476	.0149	27.494	27.439	14
1500	27.567	.0121	27.583	27.544	10
2000	27.684	.0054	27.688	27.678	3
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0

SVA

MEAN	S.D.	MAX	MIN	N
396.9	22.67	444.0	352.5	18
396.3	22.96	437.3	352.8	18
392.7	19.98	419.7	353.0	18
355.8	29.68	410.5	320.4	18
276.2	21.17	341.2	245.9	18
248.2	11.05	271.3	225.9	18
227.6	12.96	249.6	206.6	18
195.3	11.70	217.5	174.0	18
167.6	7.32	182.6	153.0	18
152.0	5.48	165.3	144.7	18
142.4	4.33	152.5	135.1	18
137.2	3.77	145.8	130.4	18
133.0	3.25	140.1	127.2	18
126.3	2.32	129.3	119.5	18
114.8	2.08	118.3	110.1	17
105.4	1.73	108.7	101.6	15
97.3	1.48	99.4	94.4	15
90.9	1.58	92.9	87.3	15
85.1	1.30	87.0	82.4	15
80.1	1.47	82.5	77.1	15
75.7	1.27	78.4	74.0	15
68.8	1.42	72.3	66.8	14
60.7	1.20	63.0	59.1	10
50.0	.42	50.5	49.7	3
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

THETA

PRESS	MEAN	S.D.	MAX	MIN	N
0	15.16	1.004	17.50	13.46	18
10	15.10	1.003	17.18	13.46	18
20	14.96	.882	16.08	13.46	18
30	13.33	1.394	15.86	11.44	18
50	9.13	1.309	12.93	7.16	18
75	7.58	.668	9.04	6.06	18
100	6.93	.496	7.58	5.52	18
125	6.51	.344	7.07	5.49	18
150	6.31	.284	6.84	5.50	18
175	6.19	.264	6.69	5.43	18
200	5.97	.297	6.53	5.19	18
225	5.71	.309	6.29	4.93	18
250	5.44	.332	6.10	4.70	18
300	4.99	.276	5.60	4.36	18
400	4.38	.213	4.84	4.00	17
500	4.07	.165	4.36	3.79	15
600	3.85	.121	4.05	3.62	15
700	3.64	.111	3.80	3.43	15
800	3.44	.082	3.55	3.30	15
900	3.24	.064	3.33	3.12	15
1000	3.04	.060	3.13	2.94	15
1200	2.69	.058	2.77	2.60	14
1500	2.29	.041	2.36	2.23	10
2000	1.77	.032	1.81	1.75	3
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
396.9	22.67	444.0	352.5	18
396.0	22.94	436.9	352.5	18
392.1	19.96	419.2	352.5	18
355.0	29.61	409.6	319.7	18
275.3	21.04	339.9	245.2	18
247.0	10.96	269.9	225.0	18
226.1	12.93	248.2	205.2	18
193.5	11.71	215.7	172.3	18
165.5	7.36	180.5	150.9	18
149.5	5.47	162.8	142.3	18
139.7	4.25	149.5	132.4	18
134.2	3.67	142.5	127.6	18
129.8	3.11	136.5	124.5	18
122.9	2.18	125.6	116.9	18
110.8	2.01	114.2	106.4	17
100.7	1.71	104.1	97.1	15
91.8	1.42	94.1	89.2	15
84.8	1.58	86.6	81.6	15
78.5	1.23	80.3	76.0	15
73.0	1.43	75.4	70.2	15
68.4	1.22	70.9	66.7	15
60.9	1.39	64.4	59.2	14
52.2	1.14	54.3	50.6	10
40.8	.49	41.4	40.5	3
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

STATION MP14 S E P T E M B E R 1956 to 1990

DELTA D

PRESS	MEAN	S.D.	MAX	MIN	N
0	.000	.0000	.000	.000	18
10	.397	.0233	.440	.350	18
20	.793	.0452	.870	.710	18
30	1.176	.0597	1.270	1.060	18
50	1.796	.0932	1.990	1.640	18
75	2.450	.1157	2.730	2.250	18
100	3.041	.1289	3.320	2.810	18
125	3.569	.1443	3.840	3.320	18
150	4.021	.1530	4.290	3.750	18
175	4.419	.1577	4.670	4.150	18
200	4.786	.1652	5.050	4.520	18
225	5.134	.1694	5.420	4.870	18
250	5.472	.1731	5.780	5.210	18
300	6.120	.1792	6.450	5.850	18
400	7.310	.1837	7.660	7.050	17
500	8.391	.1777	8.750	8.160	15
600	9.403	.1843	9.760	9.150	15
700	10.343	.1919	10.700	10.060	15
800	11.221	.2017	11.580	10.900	15
900	12.049	.2094	12.410	11.700	15
1000	12.825	.2150	13.190	12.450	15
1200	14.270	.2346	14.630	13.860	14
1500	16.296	.2289	16.560	15.770	10
2000	19.067	.1858	19.280	18.940	3
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.00	.000	.00	.00	18
.02	.000	.02	.02	18
.08	.006	.09	.07	18
.18	.010	.20	.16	18
.43	.026	.49	.39	18
.84	.045	.97	.77	18
1.37	.059	1.49	1.28	18
1.98	.086	2.14	1.86	18
2.61	.105	2.79	2.44	18
3.27	.118	3.50	3.08	18
3.97	.133	4.26	3.78	18
4.72	.148	5.06	4.51	18
5.54	.165	5.93	5.31	18
7.36	.191	7.81	7.12	18
11.64	.243	12.11	11.22	17
16.65	.284	17.16	16.08	15
22.32	.356	22.99	21.55	15
28.54	.432	29.32	27.56	15
35.26	.519	36.16	34.04	15
42.40	.618	43.35	40.92	15
49.94	.726	51.03	48.23	15
66.04	.974	67.38	64.01	14
93.10	1.249	94.76	90.24	10
141.64	.492	142.07	141.10	3
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

OXYGEN

PRESS	MEAN	S.D.	MAX	MIN	N
0	6.41	n/a	n/a	n/a	1
10	6.20	n/a	n/a	n/a	1
20	6.22	n/a	n/a	n/a	1
30	6.70	n/a	n/a	n/a	1
50	7.11	n/a	n/a	n/a	1
75	6.74	n/a	n/a	n/a	1
100	5.90	n/a	n/a	n/a	1
125	4.89	n/a	n/a	n/a	1
150	4.41	n/a	n/a	n/a	1
175	4.36	n/a	n/a	n/a	1
200	4.13	n/a	n/a	n/a	1
225	3.51	n/a	n/a	n/a	1
250	2.99	n/a	n/a	n/a	1
300	2.26	n/a	n/a	n/a	1
400	1.48	n/a	n/a	n/a	1
500	.91	n/a	n/a	n/a	1
600	.59	n/a	n/a	n/a	1
700	.44	n/a	n/a	n/a	1
800	.33	n/a	n/a	n/a	1
900	.44	n/a	n/a	n/a	1
1000	.54	n/a	n/a	n/a	1
1200	.51	n/a	n/a	n/a	1
1500	.70	n/a	n/a	n/a	1
2000	1.58	n/a	n/a	n/a	1
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0

SOUND

MEAN	S.D.	MAX	MIN	N
1505	3.3	1512	1499	18
1505	3.2	1511	1499	18
1504	2.9	1508	1500	18
1499	4.6	1508	1493	18
1485	4.7	1498	1477	18
1480	2.5	1485	1474	18
1478	1.9	1480	1472	18
1477	1.6	1479	1472	18
1477	1.3	1479	1473	18
1477	1.1	1479	1474	18
1477	1.1	1479	1474	18
1476	1.3	1479	1473	18
1475	1.5	1478	1472	18
1474	1.1	1477	1472	18
1474	1.0	1476	1472	17
1474	.9	1476	1473	15
1475	.6	1476	1474	15
1476	.6	1477	1475	15
1477	.4	1477	1476	15
1478	.5	1478	1477	15
1479	.5	1479	1478	15
1481	.5	1481	1480	14
1484	.0	1484	1484	10
1490	.6	1491	1490	3
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

DELTA DH

PRESS	MEAN	S.D.	MAX	MIN	N
0	12.826	.2152	13.188	12.454	15
10	12.429	.2058	12.756	12.055	15
20	12.033	.2007	12.345	11.657	15
30	11.658	.1996	11.966	11.265	15
50	11.046	.1927	11.386	10.666	15
75	10.394	.1738	10.725	10.063	15
100	9.805	.1539	10.090	9.517	15
125	9.277	.1387	9.508	8.989	15
150	8.829	.1317	9.033	8.523	15
175	8.434	.1285	8.631	8.118	15
200	8.068	.1213	8.249	7.762	15
225	7.720	.1127	7.889	7.431	15
250	7.383	.1060	7.540	7.109	15
300	6.736	.0964	6.874	6.490	15
400	5.534	.0804	5.647	5.343	15
500	4.435	.0679	4.521	4.282	15
600	3.422	.0541	3.493	3.305	15
700	2.483	.0410	2.544	2.397	15
800	1.604	.0275	1.650	1.550	15
900	.779	.0135	.803	.755	15
1000	.000	.0000	.000	.000	15
1200	-1.436	.0251	-1.388	-1.485	14
1500	-3.393	.0538	-3.317	-3.490	10
2000	-6.113	.0071	-6.109	-6.121	3
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0

STATION MP14 O C T O B E R 1956 to 1990

TEMPERATURE

PRESS	MEAN	S.D.	MAX	MIN	N
0	13.46	1.292	15.97	11.50	8
10	13.40	1.353	15.96	11.32	8
20	13.39	1.350	15.95	11.34	8
30	13.39	1.347	15.95	11.35	8
50	11.00	1.558	12.60	8.07	8
75	7.72	.624	8.36	6.61	8
100	7.04	.517	7.43	5.98	8
125	6.69	.424	7.03	5.80	8
150	6.45	.245	6.78	6.04	8
175	6.28	.174	6.58	6.02	8
200	6.09	.236	6.32	5.57	8
225	5.81	.250	6.12	5.28	8
250	5.55	.218	5.78	5.07	8
300	5.15	.245	5.46	4.65	8
400	4.58	.200	4.91	4.28	8
500	4.21	.143	4.42	4.01	8
600	3.93	.090	4.07	3.77	8
700	3.72	.091	3.90	3.58	8
800	3.51	.092	3.70	3.37	8
900	3.30	.041	3.36	3.24	8
1000	3.13	.050	3.23	3.07	8
1200	2.75	.030	2.80	2.72	8
1500	2.33	.029	2.36	2.29	4
2000	1.89	.014	1.90	1.88	2
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0

SALINITY

MEAN	S.D.	MAX	MIN	N
32.425	.1184	32.599	32.253	8
32.422	.1172	32.599	32.253	8
32.427	.1131	32.598	32.266	8
32.425	.1074	32.599	32.273	8
32.497	.1204	32.618	32.309	8
32.655	.1161	32.857	32.462	8
32.856	.2135	33.321	32.648	8
33.227	.2312	33.673	32.949	8
33.585	.1217	33.795	33.442	8
33.771	.0600	33.867	33.677	8
33.860	.0272	33.917	33.831	8
33.884	.0383	33.975	33.860	8
33.895	.0523	34.017	33.850	8
33.901	.0372	33.973	33.850	8
33.975	.0445	34.036	33.901	8
34.054	.0401	34.114	34.006	8
34.137	.0324	34.186	34.092	8
34.218	.0269	34.253	34.178	8
34.282	.0214	34.313	34.250	8
34.328	.0232	34.362	34.300	8
34.373	.0197	34.402	34.347	8
34.435	.0220	34.467	34.400	8
34.511	.0177	34.529	34.493	4
34.593	.0119	34.598	34.587	2
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

SIGMA T

PRESS	MEAN	S.D.	MAX	MIN	N
0	24.326	.1965	24.573	23.933	8
10	24.335	.2026	24.606	23.935	8
20	24.340	.2057	24.612	23.936	8
30	24.339	.2050	24.616	23.937	8
50	24.842	.3150	25.419	24.468	8
75	25.495	.1379	25.662	25.254	8
100	25.748	.1584	26.084	25.533	8
125	26.087	.1518	26.393	25.877	8
150	26.401	.0900	26.566	26.285	8
175	26.569	.0477	26.646	26.486	8
200	26.663	.0362	26.727	26.611	8
225	26.717	.0369	26.780	26.678	8
250	26.758	.0396	26.841	26.718	8
300	26.810	.0326	26.859	26.778	8
400	26.933	.0383	26.981	26.872	8
500	27.035	.0357	27.089	26.991	8
600	27.130	.0258	27.172	27.100	8
700	27.216	.0245	27.245	27.183	8
800	27.288	.0192	27.313	27.261	8
900	27.344	.0201	27.372	27.317	8
1000	27.396	.0178	27.421	27.375	8
1200	27.479	.0195	27.507	27.446	8
1500	27.576	.0157	27.590	27.559	4
2000	27.676	.0049	27.681	27.671	2
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0

SVA

MEAN	S.D.	MAX	MIN	N
360.8	18.73	398.3	337.3	8
360.2	19.33	398.4	334.4	8
360.0	19.64	398.6	334.0	8
360.3	19.62	398.8	333.8	8
312.8	30.11	348.5	257.6	8
250.7	13.19	273.7	234.8	8
226.8	15.03	247.3	195.0	8
195.0	14.32	214.9	166.1	8
165.5	8.50	176.5	149.9	8
149.9	4.56	157.8	142.5	8
141.2	3.50	146.2	134.9	8
136.2	3.55	140.1	130.4	8
132.6	3.77	136.5	124.8	8
128.0	3.18	131.2	123.1	8
116.9	3.70	122.7	112.1	8
107.8	3.46	112.1	102.7	8
99.5	2.44	102.3	95.4	8
91.9	2.41	95.0	89.1	8
85.5	1.86	88.0	83.2	8
80.6	1.94	83.2	77.9	8
76.0	1.73	78.2	73.6	8
68.5	1.83	71.6	65.8	8
59.6	1.53	61.3	58.3	4
50.7	.71	51.2	50.2	2
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

THETA

PRESS	MEAN	S.D.	MAX	MIN	N
0	13.46	1.292	15.97	11.50	8
10	13.39	1.353	15.96	11.32	8
20	13.39	1.350	15.95	11.34	8
30	13.39	1.347	15.95	11.35	8
50	10.99	1.555	12.59	8.07	8
75	7.72	.622	8.35	6.60	8
100	7.03	.517	7.42	5.97	8
125	6.68	.423	7.02	5.79	8
150	6.44	.245	6.77	6.03	8
175	6.27	.177	6.57	6.00	8
200	6.07	.236	6.30	5.55	8
225	5.79	.250	6.10	5.26	8
250	5.53	.218	5.76	5.05	8
300	5.13	.248	5.44	4.62	8
400	4.55	.200	4.88	4.25	8
500	4.17	.141	4.38	3.98	8
600	3.89	.088	4.02	3.73	8
700	3.67	.091	3.85	3.53	8
800	3.45	.092	3.64	3.31	8
900	3.24	.041	3.30	3.18	8
1000	3.06	.050	3.16	3.00	8
1200	2.67	.031	2.72	2.64	8
1500	2.33	.029	2.36	2.19	4
2000	1.75	.014	1.76	1.74	2
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
360.8	18.73	398.3	337.3	8
360.0	19.30	398.1	334.2	8
359.5	19.59	397.9	333.5	8
359.5	19.50	397.8	333.2	8
311.6	29.98	347.2	256.7	8
249.5	13.12	272.4	233.6	8
225.3	15.07	245.8	193.4	8
193.2	14.43	213.1	164.1	8
163.4	8.53	174.4	147.7	8
147.4	4.52	155.2	140.0	8
138.4	3.39	143.3	132.4	8
133.3	3.49	137.0	127.3	8
129.4	3.75	133.2	121.5	8
124.4	3.07	127.4	119.8	8
112.7	3.62	118.5	108.2	8
103.0	3.38	107.2	97.5	8
94.0	2.46	96.8	89.9	8
85.8	2.36	88.9	83.0	8
78.9	1.78	81.4	76.5	8
73.5	1.89	76.1	70.9	8
68.6	1.68	70.5	66.1	8
60.6	1.82	63.7	57.9	8
51.3	1.48	52.9	50.0	4
41.6	.64	42.1	41.2	2
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

STATION MP14 O C T O B E R 1956 to 1990

DELTA D

PRESS	MEAN	S.D.	MAX	MIN	N
0	.000	.0000	.000	.000	8
10	.363	.0183	.400	.340	8
20	.723	.0392	.800	.670	8
30	1.083	.0604	1.200	1.000	8
50	1.770	.0693	1.910	1.690	8
75	2.466	.0825	2.590	2.320	8
100	3.064	.0971	3.190	2.910	8
125	3.594	.1141	3.720	3.430	8
150	4.044	.1353	4.180	3.820	8
175	4.435	.1428	4.590	4.190	8
200	4.799	.1493	4.970	4.540	8
225	5.144	.1539	5.320	4.870	8
250	5.480	.1598	5.670	5.190	8
300	6.133	.1675	6.330	5.820	8
400	7.359	.1894	7.590	6.990	8
500	8.481	.2067	8.750	8.070	8
600	9.515	.2260	9.820	9.060	8
700	10.474	.2418	10.800	9.980	8
800	11.359	.2494	11.690	10.850	8
900	12.185	.2603	12.530	11.660	8
1000	12.970	.2703	13.330	12.430	8
1200	14.414	.2921	14.780	13.840	8
1500	16.322	.4391	16.720	15.720	4
2000	19.260	.3535	19.510	19.010	2
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.00	.000	.00	.00	8
.02	.000	.02	.02	8
.07	.005	.08	.07	8
.17	.009	.18	.15	8
.44	.018	.47	.41	8
.88	.036	.94	.81	8
1.42	.053	1.51	1.33	8
2.02	.079	2.12	1.88	8
2.65	.112	2.80	2.43	8
3.30	.128	3.48	3.04	8
4.00	.143	4.21	3.71	8
4.74	.156	4.98	4.43	8
5.56	.173	5.81	5.20	8
7.38	.209	7.68	6.95	8
11.76	.308	12.15	11.15	8
16.90	.454	17.48	16.07	8
22.70	.605	23.48	21.62	8
29.04	.721	29.93	27.74	8
35.80	.818	36.77	34.35	8
42.97	.959	44.05	41.39	8
50.56	1.107	51.77	48.82	8
66.75	1.396	68.36	64.68	8
92.91	1.858	94.69	90.55	4
142.54	2.489	144.30	140.78	2
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

OXYGEN

PRESS	MEAN	S.D.	MAX	MIN	N
0	n/a	n/a	n/a	n/a	0
10	n/a	n/a	n/a	n/a	0
20	n/a	n/a	n/a	n/a	0
30	n/a	n/a	n/a	n/a	0
50	n/a	n/a	n/a	n/a	0
75	n/a	n/a	n/a	n/a	0
100	n/a	n/a	n/a	n/a	0
125	n/a	n/a	n/a	n/a	0
150	n/a	n/a	n/a	n/a	0
175	n/a	n/a	n/a	n/a	0
200	n/a	n/a	n/a	n/a	0
225	n/a	n/a	n/a	n/a	0
250	n/a	n/a	n/a	n/a	0
300	n/a	n/a	n/a	n/a	0
400	n/a	n/a	n/a	n/a	0
500	n/a	n/a	n/a	n/a	0
600	n/a	n/a	n/a	n/a	0
700	n/a	n/a	n/a	n/a	0
800	n/a	n/a	n/a	n/a	0
900	n/a	n/a	n/a	n/a	0
1000	n/a	n/a	n/a	n/a	0
1200	n/a	n/a	n/a	n/a	0
1500	n/a	n/a	n/a	n/a	0
2000	n/a	n/a	n/a	n/a	0
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0

SOUND

MEAN	S.D.	MAX	MIN	N
1499	4.6	1508	1492	8
1499	4.7	1508	1492	8
1499	4.7	1508	1492	8
1499	4.7	1508	1492	8
1491	5.4	1497	1481	8
1480	5.2	1482	1476	8
1478	2.1	1480	1474	8
1477	1.7	1479	1474	8
1478	1.1	1479	1476	8
1478	.9	1479	1476	8
1477	1.0	1478	1475	8
1476	1.2	1478	1474	8
1476	.9	1477	1474	8
1475	1.1	1476	1473	8
1475	.9	1476	1473	8
1475	.5	1475	1474	8
1475	.4	1476	1475	8
1476	.5	1477	1475	8
1477	.5	1478	1476	8
1478	.4	1478	1477	8
1479	.5	1479	1478	8
1480	.5	1481	1480	8
1484	.0	1484	1484	4
1490	.0	1490	1490	2
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

DELTA DH

PRESS	MEAN	S.D.	MAX	MIN	N
0	12.971	.2722	13.329	12.426	8
10	12.609	.2627	12.961	12.080	8
20	12.249	.2529	12.593	11.738	8
30	11.889	.2447	12.224	11.394	8
50	11.199	.2564	11.551	10.684	8
75	10.505	.2730	10.866	9.980	8
100	9.907	.2534	10.227	9.444	8
125	9.376	.2258	9.645	8.995	8
150	8.927	.2078	9.157	8.603	8
175	8.536	.1952	8.741	8.238	8
200	8.172	.1879	8.363	7.886	8
225	7.826	.1805	8.006	7.552	8
250	7.491	.1723	7.663	7.234	8
300	6.839	.1570	6.997	6.610	8
400	5.611	.1287	5.742	5.433	8
500	4.489	.1018	4.606	4.354	8
600	3.453	.0792	3.552	3.348	8
700	2.497	.0586	2.575	2.419	8
800	1.612	.0409	1.665	1.548	8
900	.784	.0194	.813	.757	8
1000	.000	.0000	.000	.000	8
1200	-1.444	.0328	-1.403	-1.491	8
1500	-3.349	.0690	-3.283	-3.423	4
2000	-6.095	.1244	-6.007	-6.183	2
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0

STATION MP14 N O V E M B E R 1956 to 1990

TEMPERATURE

PRESS	MEAN	S.D.	MAX	MIN	N
0	10.31	.619	11.60	9.64	8
10	10.27	.511	11.22	9.65	8
20	10.27	.514	11.23	9.66	8
30	10.25	.500	11.24	9.66	8
50	9.89	.837	10.99	8.08	8
75	8.34	.871	10.05	7.17	8
100	7.18	.259	7.56	6.70	8
125	6.88	.292	7.15	6.40	8
150	6.65	.292	7.01	6.20	8
175	6.41	.348	6.96	5.88	8
200	6.13	.388	6.82	5.57	8
225	5.85	.406	6.66	5.43	8
250	5.59	.341	6.26	5.26	8
300	5.18	.283	5.73	4.91	8
400	4.55	.166	4.72	4.34	8
500	4.21	.093	4.34	4.09	8
600	3.94	.069	4.09	3.87	8
700	3.72	.081	3.91	3.66	8
800	3.51	.077	3.67	3.44	8
900	3.30	.061	3.43	3.22	8
1000	3.11	.051	3.23	3.07	8
1200	2.74	.048	2.85	2.70	8
1500	2.33	.026	2.37	2.31	6
2000	1.91	.013	1.93	1.90	4
2500	1.73	n/a	n/a	n/a	1
3000	n/a	n/a	n/a	n/a	0

SALINITY

MEAN	S.D.	MAX	MIN	N
32.370	.0904	32.462	32.250	8
32.369	.0897	32.467	32.256	8
32.370	.0896	32.464	32.259	8
32.374	.0852	32.468	32.263	8
32.411	.0918	32.541	32.270	8
32.588	.1263	32.733	32.390	8
32.956	.2050	33.230	32.651	8
33.441	.1711	33.610	33.140	8
33.695	.1272	33.820	33.415	8
33.808	.0795	33.876	33.626	8
33.862	.0468	33.899	33.751	8
33.883	.0264	33.910	33.824	8
33.902	.0140	33.924	33.880	8
33.929	.0197	33.962	33.897	8
34.007	.0185	34.045	33.994	8
34.084	.0144	34.107	34.063	8
34.159	.0158	34.176	34.136	8
34.233	.0148	34.253	34.212	8
34.292	.0180	34.321	34.272	8
34.337	.0178	34.368	34.318	8
34.377	.0149	34.404	34.360	8
34.440	.0157	34.464	34.424	8
34.509	.0124	34.530	34.494	6
34.585	.0000	34.589	34.577	4
34.620	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0

SIGMA T

PRESS	MEAN	S.D.	MAX	MIN	N
0	24.870	.1228	24.971	24.639	8
10	24.878	.1088	24.973	24.697	8
20	24.878	.1102	24.977	24.693	8
30	24.885	.1015	24.979	24.691	8
50	24.972	.1720	25.357	24.755	8
75	25.352	.1880	25.579	24.963	8
100	25.808	.1456	26.017	25.569	8
125	26.230	.1194	26.339	25.982	8
150	26.460	.1124	26.547	26.193	8
175	26.580	.0933	26.650	26.365	8
200	26.660	.0803	26.737	26.482	8
225	26.711	.0688	26.781	26.561	8
250	26.758	.0436	26.810	26.670	8
300	26.828	.0323	26.881	26.770	8
400	26.961	.0256	27.014	26.935	8
500	27.058	.0156	27.084	27.037	8
600	27.146	.0119	27.165	27.129	8
700	27.227	.0094	27.241	27.214	8
800	27.295	.0095	27.305	27.283	8
900	27.351	.0112	27.365	27.337	8
1000	27.400	.0085	27.412	27.388	8
1200	27.484	.0122	27.504	27.472	8
1500	27.574	.0092	27.588	27.559	6
2000	27.668	.0041	27.672	27.661	4
2500	27.710	n/a	n/a	n/a	1
3000	n/a	n/a	n/a	n/a	0

SVA

MEAN	S.D.	MAX	MIN	N
309.1	11.70	331.1	299.4	8
308.5	10.38	325.8	299.4	8
308.6	10.51	326.3	299.2	8
308.2	9.68	326.7	299.3	8
300.3	16.42	321.0	263.5	8
264.3	17.98	301.6	242.6	8
221.2	13.79	243.9	201.4	8
181.5	11.30	205.0	171.2	8
159.9	10.70	185.4	151.7	8
148.8	8.94	169.4	142.1	8
141.6	7.75	156.7	134.0	8
136.9	6.71	151.5	130.1	8
132.7	4.29	141.3	127.6	8
126.3	3.24	132.1	121.1	8
114.2	2.55	116.8	109.0	8
105.7	1.58	107.7	103.1	8
97.9	1.11	99.5	96.0	8
90.8	.90	91.9	89.4	8
84.8	.83	85.9	83.8	8
79.9	1.07	81.2	78.5	8
75.6	.77	76.7	74.4	8
68.0	1.07	69.1	66.0	8
59.8	.91	61.3	58.6	6
51.6	.55	52.2	51.0	4
48.5	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0

THETA

PRESS	MEAN	S.D.	MAX	MIN	N
0	10.31	.619	11.60	9.64	8
10	10.27	.511	11.22	9.65	8
20	10.27	.516	11.23	9.65	8
30	10.25	.497	11.23	9.66	8
50	9.88	.837	10.99	8.08	8
75	8.33	.871	10.04	7.16	8
100	7.17	.259	7.55	6.69	8
125	6.87	.292	7.14	6.39	8
150	6.64	.292	7.00	6.19	8
175	6.40	.347	6.95	5.87	8
200	6.11	.388	6.80	5.55	8
225	5.83	.404	6.64	5.41	8
250	5.57	.341	6.24	5.24	8
300	5.16	.285	5.71	4.89	8
400	4.52	.165	4.69	4.31	8
500	4.18	.092	4.30	4.06	8
600	3.90	.070	4.05	3.82	8
700	3.67	.081	3.86	3.61	8
800	3.46	.075	3.61	3.38	8
900	3.24	.058	3.36	3.16	8
1000	3.04	.051	3.16	3.00	8
1200	2.66	.048	2.77	2.62	8
1500	2.23	.024	2.26	2.21	6
2000	1.77	.013	1.79	1.76	4
2500	1.55	n/a	n/a	n/a	1
3000	n/a	n/a	n/a	n/a	0

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
309.1	11.70	331.1	299.4	8
308.3	10.36	325.5	299.2	8
308.2	10.49	325.9	298.8	8
307.6	9.65	326.0	298.6	8
299.3	16.37	319.9	262.6	8
263.0	17.85	300.0	241.5	8
219.7	13.84	242.4	199.8	8
179.6	11.35	203.1	169.2	8
157.7	10.69	183.1	149.4	8
146.3	8.85	166.7	139.7	8
138.7	7.60	155.6	131.5	8
133.9	6.53	148.1	127.2	8
129.4	4.12	137.7	124.5	8
122.7	3.06	128.2	117.7	8
110.0	2.43	112.5	105.0	8
100.8	1.48	102.7	98.3	8
92.3	1.08	94.0	90.6	8
84.7	.92	85.9	83.3	8
78.2	.90	79.3	77.2	8
72.9	1.08	74.3	71.5	8
68.2	.84	69.3	67.0	8
60.2	1.10	61.3	58.2	8
51.5	.93	52.9	50.1	6
42.4	.51	43.1	42.0	4
38.2	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0

STATION MP14 N O V E M B E R 1956 to 1990

DELTA D

PRESS	MEAN	S.D.	MAX	MIN	N
0	.000	.0000	.000	.000	8
10	.308	.0116	.330	.300	8
20	.618	.0205	.650	.600	8
30	.925	.0316	.980	.900	8
50	1.540	.0450	1.640	1.500	8
75	2.263	.0616	2.380	2.200	8
100	2.865	.0918	2.980	2.750	8
125	3.368	.1067	3.520	3.220	8
150	3.790	.1226	3.950	3.620	8
175	4.175	.1334	4.380	3.990	8
200	4.536	.1420	4.790	4.350	8
225	4.885	.1520	5.180	4.700	8
250	5.221	.1606	5.550	5.040	8
300	5.869	.1695	6.230	5.690	8
400	7.071	.1839	7.480	6.910	8
500	8.170	.1877	8.590	8.020	8
600	9.190	.1876	9.610	9.030	8
700	10.133	.1933	10.560	9.960	8
800	11.010	.2002	11.450	10.830	8
900	11.834	.1995	12.260	11.640	8
1000	12.609	.2017	13.030	12.400	8
1200	14.045	.2024	14.450	13.820	8
1500	15.997	.2071	16.330	15.760	6
2000	18.762	.1520	18.910	18.560	4
2500	21.230	n/a	n/a	n/a	1
3000	n/a	n/a	n/a	n/a	0

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.00	.000	.00	.00	8
.02	.000	.02	.02	8
.06	.005	.07	.06	8
.14	.005	.15	.14	8
.39	.012	.42	.38	8
.85	.035	.89	.79	8
1.39	.065	1.49	1.29	8
1.96	.093	2.11	1.82	8
2.55	.119	2.73	2.38	8
3.19	.144	3.46	3.00	8
3.88	.168	4.24	3.68	8
4.64	.195	5.08	4.44	8
5.45	.220	5.96	5.26	8
7.27	.259	7.88	7.08	8
11.55	.339	12.32	11.18	8
16.59	.394	17.42	16.06	8
22.30	.442	23.16	21.66	8
28.54	.493	29.44	27.80	8
35.24	.539	36.19	34.42	8
42.37	.573	43.25	41.43	8
49.89	.616	50.69	48.81	8
65.96	.703	66.82	64.70	8
92.41	.717	93.44	91.56	6
142.24	1.173	143.46	141.03	4
198.60	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0

OXYGEN

PRESS	MEAN	S.D.	MAX	MIN	N
0	6.37	.045	6.41	6.32	3
10	6.40	.025	6.42	6.37	3
20	6.36	.061	6.41	6.29	3
30	6.35	.085	6.41	6.25	3
50	6.39	.012	6.40	6.38	3
75	6.14	.282	6.46	5.94	3
100	5.41	.732	6.22	4.79	3
125	4.38	.704	5.17	3.82	3
150	3.89	.246	4.15	3.66	3
175	3.56	.035	3.60	3.53	3
200	3.26	.227	3.42	3.00	3
225	3.03	.315	3.34	2.71	3
250	2.75	.315	3.07	2.44	3
300	2.22	.282	2.52	1.96	3
400	1.30	.060	1.36	1.24	3
500	.89	.020	.91	.87	3
600	.68	.031	.71	.65	3
700	.53	.074	.61	.47	3
800	.42	.089	.52	.35	3
900	.38	.055	.44	.33	3
1000	.39	.070	.44	.31	3
1200	.48	.068	.53	.40	3
1500	.77	.100	.87	.67	3
2000	1.42	.056	1.48	1.37	3
2500	2.00	n/a	n/a	n/a	1
3000	n/a	n/a	n/a	n/a	0

SOUND

MEAN	S.D.	MAX	MIN	N
1488	2.2	1493	1486	8
1488	2.0	1492	1486	8
1488	2.0	1492	1486	8
1488	1.9	1492	1486	8
1487	3.0	1491	1481	8
1482	3.1	1488	1478	8
1479	1.0	1480	1477	8
1479	1.1	1480	1477	8
1479	.9	1479	1477	8
1478	1.4	1480	1476	8
1477	1.5	1480	1475	8
1477	1.6	1480	1475	8
1476	1.5	1479	1475	8
1475	1.2	1477	1474	8
1475	.5	1475	1474	8
1475	.5	1475	1474	8
1475	.4	1476	1475	8
1476	.4	1477	1476	8
1477	.4	1478	1477	8
1478	.4	1478	1477	8
1479	.5	1479	1478	8
1480	.4	1481	1480	8
1484	.0	1484	1484	6
1490	.0	1490	1490	4
1498	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0

DELTA DH

PRESS	MEAN	S.D.	MAX	MIN	N
0	12.608	.2023	13.030	12.398	8
10	12.299	.2037	12.724	12.095	8
20	11.991	.2054	12.417	11.792	8
30	11.682	.2073	12.109	11.489	8
50	11.067	.2019	11.480	10.881	8
75	10.348	.1946	10.737	10.097	8
100	9.744	.1926	10.127	9.482	8
125	9.243	.1781	9.571	8.980	8
150	8.819	.1608	9.087	8.560	8
175	8.434	.1413	8.648	8.191	8
200	8.072	.1245	8.236	7.845	8
225	7.725	.1107	7.852	7.515	8
250	7.388	.1002	7.503	7.193	8
300	6.740	.0867	6.841	6.565	8
400	5.537	.0587	5.617	5.429	8
500	4.438	.0436	4.495	4.364	8
600	3.419	.0339	3.460	3.364	8
700	2.477	.0259	2.506	2.437	8
800	1.600	.0186	1.619	1.572	8
900	.776	.0085	.787	.762	8
1000	.000	.0000	.000	.000	8
1200	-1.434	.0146	-1.417	-1.456	8
1500	-3.350	.0380	-3.301	-3.398	6
2000	-6.156	.0601	-6.089	-6.208	4
2500	-8.616	n/a	n/a	n/a	1
3000	n/a	n/a	n/a	n/a	0

STATION MP14 D E C E M B E R 1956 to 1990

TEMPERATURE

PRESS	MEAN	S.D.	MAX	MIN	N
0	9.57	.793	11.16	8.47	14
10	9.59	.802	11.16	8.47	14
20	9.59	.800	11.16	8.47	14
30	9.59	.801	11.15	8.47	14
50	9.59	.800	11.15	8.47	14
75	8.51	1.131	11.13	6.61	14
100	7.02	.667	8.11	5.67	14
125	6.63	.497	7.21	5.49	14
150	6.53	.407	7.00	5.68	14
175	6.31	.348	6.78	5.60	14
200	6.02	.334	6.51	5.39	14
225	5.73	.332	6.16	5.14	14
250	5.44	.310	5.86	4.87	14
300	5.04	.296	5.60	4.50	14
400	4.43	.195	4.74	4.04	13
500	4.15	.164	4.45	3.80	12
600	3.90	.137	4.17	3.64	12
700	3.69	.122	3.93	3.53	12
800	3.52	.102	3.68	3.35	12
900	3.32	.081	3.45	3.22	12
1000	3.13	.059	3.25	3.06	12
1200	2.77	.053	2.88	2.71	11
1500	2.37	.047	2.44	2.30	7
2000	1.94	.031	1.97	1.91	3
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0

SALINITY

MEAN	S.D.	MAX	MIN	N
32.514	.1421	32.772	32.327	14
32.496	.1180	32.750	32.327	14
32.496	.1191	32.760	32.327	14
32.498	.1195	32.760	32.327	14
32.499	.1152	32.753	32.350	14
32.718	.1939	33.142	32.421	14
32.989	.2788	33.501	32.686	14
33.297	.2804	33.708	32.847	14
33.593	.2127	33.860	33.190	14
33.762	.1297	33.925	33.443	14
33.842	.0724	33.950	33.677	14
33.873	.0601	33.960	33.744	14
33.887	.0498	33.960	33.796	14
33.910	.0394	33.980	33.835	14
33.985	.0354	34.060	33.935	13
34.074	.0414	34.140	33.974	12
34.155	.0286	34.210	34.107	12
34.227	.0191	34.260	34.199	12
34.285	.0219	34.333	34.262	12
34.334	.0197	34.379	34.310	12
34.372	.0153	34.410	34.352	12
34.430	.0203	34.460	34.383	11
34.498	.0157	34.527	34.484	7
34.581	.0146	34.598	34.568	3
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

SIGMA T

PRESS	MEAN	S.D.	MAX	MIN	N
0	25.103	.1433	25.367	24.906	14
10	25.087	.1187	25.331	24.916	14
20	25.087	.1185	25.331	24.917	14
30	25.088	.1188	25.331	24.920	14
50	25.089	.1186	25.331	24.919	14
75	25.425	.2634	25.874	25.021	14
100	25.855	.2072	26.226	25.488	14
125	26.149	.1807	26.424	25.892	14
150	26.396	.1318	26.573	26.113	14
175	26.557	.0833	26.657	26.328	14
200	26.659	.0427	26.715	26.568	14
225	26.719	.0310	26.765	26.659	14
250	26.765	.0246	26.809	26.722	14
300	26.829	.0300	26.877	26.776	14
400	26.956	.0309	27.009	26.899	13
500	27.057	.0360	27.105	26.971	12
600	27.148	.0271	27.191	27.100	12
700	27.225	.0185	27.257	27.191	12
800	27.289	.0177	27.316	27.262	12
900	27.346	.0145	27.369	27.325	12
1000	27.395	.0140	27.429	27.375	12
1200	27.474	.0203	27.503	27.426	11
1500	27.562	.0123	27.583	27.552	7
2000	27.663	.0112	27.674	27.653	3
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0

SVA

MEAN	S.D.	MAX	MIN	N
286.8	13.64	305.6	261.7	14
288.6	11.31	304.9	265.4	14
288.8	11.32	305.0	265.5	14
288.9	11.34	304.9	265.7	14
289.1	11.35	305.4	266.0	14
257.5	25.16	296.0	214.7	14
216.7	19.67	251.8	181.6	14
189.1	17.04	213.3	163.2	14
166.0	12.41	192.7	149.3	14
151.0	7.86	172.6	141.6	14
141.6	4.07	150.0	136.3	14
136.1	2.95	141.5	131.8	14
131.9	2.35	136.1	127.7	14
126.1	2.94	131.2	121.6	14
114.6	3.01	120.5	109.7	13
105.7	3.47	113.3	101.2	12
97.7	2.65	102.3	93.7	12
90.9	1.89	94.6	87.8	12
85.4	1.75	88.3	83.0	12
80.4	1.38	82.6	78.4	12
76.1	1.43	78.3	72.8	12
69.0	1.97	73.7	66.2	11
61.1	1.10	62.1	59.5	7
52.0	.85	52.9	51.2	3
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

THETA

PRESS	MEAN	S.D.	MAX	MIN	N
0	9.57	.793	11.16	8.47	14
10	9.59	.801	11.16	8.47	14
20	9.59	.799	11.15	8.47	14
30	9.59	.801	11.15	8.47	14
50	9.58	.800	11.14	8.46	14
75	8.51	1.132	11.13	6.61	14
100	7.01	.666	8.10	5.66	14
125	6.62	.496	7.20	5.48	14
150	6.51	.407	6.99	5.67	14
175	6.29	.347	6.76	5.58	14
200	6.00	.333	6.49	5.37	14
225	5.71	.332	6.14	5.12	14
250	5.42	.310	5.84	4.85	14
300	5.02	.294	5.57	4.48	14
400	4.40	.195	4.71	4.01	13
500	4.11	.163	4.41	3.76	12
600	3.85	.155	4.12	3.60	12
700	3.64	.122	3.88	3.48	12
800	3.46	.101	3.62	3.30	12
900	3.26	.084	3.39	3.15	12
1000	3.06	.059	3.18	2.99	12
1200	2.69	.052	2.80	2.63	11
1500	2.27	.045	2.34	2.20	7
2000	1.80	.031	1.83	1.77	3
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
286.8	13.64	305.6	261.7	14
288.4	11.29	304.6	265.2	14
288.4	11.31	304.5	265.2	14
288.3	11.32	304.3	265.2	14
288.1	11.29	304.3	265.1	14
256.2	25.02	294.5	213.5	14
215.2	19.69	250.1	180.0	14
187.3	17.16	211.7	161.2	14
163.8	12.52	190.7	147.0	14
148.5	7.98	170.2	139.0	14
138.9	4.08	147.5	133.4	14
133.1	2.95	138.8	128.7	14
128.8	2.33	132.8	124.5	14
122.6	3.82	127.3	118.1	14
110.5	3.92	115.9	105.5	13
100.9	3.41	109.1	96.3	12
92.5	2.56	96.7	88.1	12
84.9	1.76	88.1	81.9	12
78.8	1.66	81.3	76.2	12
73.3	1.35	75.2	71.1	12
68.7	1.33	70.5	65.5	12
61.1	1.88	65.6	58.4	11
52.6	1.11	53.6	50.6	7
42.8	1.00	43.8	41.8	3
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

STATION MP14 D E C E M B E R 1956 to 1998

DELTA D

PRESS	MEAN	S.D.	MAX	MIN	N
0	.000	.0000	.000	.000	14
10	.289	.0117	.310	.270	14
20	.577	.0237	.610	.530	14
30	.866	.0341	.920	.800	14
50	1.445	.0572	1.530	1.330	14
75	2.141	.0803	2.260	1.990	14
100	2.730	.1011	2.880	2.560	14
125	3.236	.1294	3.420	3.040	14
150	3.678	.1512	3.900	3.440	14
175	4.073	.1672	4.320	3.810	14
200	4.436	.1742	4.690	4.170	14
225	4.784	.1764	5.050	4.510	14
250	5.118	.1799	5.380	4.830	14
300	5.762	.1832	6.020	5.480	14
400	6.958	.2032	7.210	6.660	13
500	8.038	.2084	8.300	7.770	12
600	9.053	.2234	9.330	8.770	12
700	9.997	.2376	10.310	9.700	12
800	10.875	.2464	11.220	10.560	12
900	11.707	.2565	12.080	11.380	12
1000	12.487	.2643	12.880	12.130	12
1200	13.927	.2978	14.400	13.530	11
1500	15.976	.3255	16.440	15.510	7
2000	18.893	.4020	19.270	18.470	3
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.00	.000	.00	.00	14
.01	.005	.02	.01	14
.06	.003	.06	.05	14
.13	.007	.14	.12	14
.37	.014	.39	.34	14
.81	.035	.86	.76	14
1.33	.066	1.43	1.22	14
1.91	.110	2.06	1.71	14
2.53	.151	2.73	2.27	14
3.19	.182	3.43	2.89	14
3.88	.201	4.20	3.58	14
4.63	.212	4.98	4.31	14
5.44	.222	5.82	5.11	14
7.25	.240	7.66	6.91	14
11.51	.311	12.08	11.09	13
16.50	.386	17.12	15.91	12
22.19	.529	23.01	21.35	12
28.43	.656	29.48	27.39	12
35.16	.759	36.47	33.98	12
42.34	.863	43.87	41.02	12
49.90	.965	51.62	48.34	12
66.11	1.329	68.65	63.96	11
93.49	1.786	96.60	91.06	7
144.91	1.952	146.99	143.12	3
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

OXYGEN

PRESS	MEAN	S.D.	MAX	MIN	N
0	n/a	n/a	n/a	n/a	0
10	n/a	n/a	n/a	n/a	0
20	n/a	n/a	n/a	n/a	0
30	n/a	n/a	n/a	n/a	0
50	n/a	n/a	n/a	n/a	0
75	n/a	n/a	n/a	n/a	0
100	n/a	n/a	n/a	n/a	0
125	n/a	n/a	n/a	n/a	0
150	n/a	n/a	n/a	n/a	0
175	n/a	n/a	n/a	n/a	0
200	n/a	n/a	n/a	n/a	0
225	n/a	n/a	n/a	n/a	0
250	n/a	n/a	n/a	n/a	0
300	n/a	n/a	n/a	n/a	0
400	n/a	n/a	n/a	n/a	0
500	n/a	n/a	n/a	n/a	0
600	n/a	n/a	n/a	n/a	0
700	n/a	n/a	n/a	n/a	0
800	n/a	n/a	n/a	n/a	0
900	n/a	n/a	n/a	n/a	0
1000	n/a	n/a	n/a	n/a	0
1200	n/a	n/a	n/a	n/a	0
1500	n/a	n/a	n/a	n/a	0
2000	n/a	n/a	n/a	n/a	0
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0

SOUND

MEAN	S.D.	MAX	MIN	N
1486	3.1	1492	1481	14
1486	3.0	1492	1482	14
1486	3.0	1492	1482	14
1486	3.0	1492	1482	14
1486	3.0	1492	1482	14
1483	4.2	1493	1476	14
1478	2.8	1482	1472	14
1477	2.2	1480	1472	14
1478	1.9	1480	1474	14
1478	1.6	1479	1475	14
1477	1.6	1479	1474	14
1476	1.4	1478	1474	14
1475	1.4	1477	1473	14
1475	1.4	1477	1472	14
1474	.9	1475	1472	13
1475	.8	1476	1473	12
1475	.6	1476	1474	12
1476	.6	1477	1475	12
1477	.6	1478	1476	12
1478	.4	1478	1477	12
1479	.5	1479	1478	12
1480	.5	1481	1480	11
1484	.0	1484	1484	7
1490	.6	1491	1490	3
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

DELTA DH

PRESS	MEAN	S.D.	MAX	MIN	N
0	12.487	.2647	12.878	12.133	12
10	12.196	.2648	12.602	11.836	12
20	11.905	.2639	12.318	11.543	12
30	11.612	.2631	12.028	11.249	12
50	11.028	.2651	11.460	10.653	12
75	10.330	.2419	10.756	9.968	12
100	9.748	.2080	10.122	9.398	12
125	9.250	.1842	9.582	8.933	12
150	8.814	.1732	9.125	8.526	12
175	8.426	.1679	8.721	8.153	12
200	8.064	.1637	8.344	7.802	12
225	7.720	.1585	7.984	7.467	12
250	7.387	.1538	7.639	7.142	12
300	6.744	.1415	6.968	6.520	12
400	5.549	.1182	5.729	5.364	12
500	4.448	.0868	4.597	4.312	12
600	3.433	.0617	3.546	3.342	12
700	2.490	.0438	2.569	2.431	12
800	1.610	.0274	1.655	1.568	12
900	.781	.0126	.800	.756	12
1000	.000	.0000	.000	.000	12
1200	-1.448	.0331	-1.393	-1.519	11
1500	-3.418	.0723	-3.339	-3.557	7
2000	-6.309	.0820	-6.228	-6.392	3
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0

Table 6. Statistics of TEMPERATURE, SALINITY, DEPTH, SVA, THETA, SVA (THETA), DELTA D, POT. ENERGY, DELTA DH, ACC. POT., OXYGEN and SOUND on σ_t-surfaces, using all data, for Station 7 (P14).

Table 6 : STATION MP14 A L L D A T A (JANUARY–DECEMBER) 1956 to 1998

TEMPERATURE

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	15.90	.654	16.79	15.37	4
23.80	15.46	.548	16.08	14.51	14
24.00	14.78	.496	15.59	13.64	30
24.20	13.99	.517	14.75	12.81	40
24.40	13.04	.503	14.00	11.94	50
24.60	12.09	.529	13.24	10.85	59
24.80	11.09	.483	12.22	9.84	72
25.00	10.02	.448	11.24	8.80	90
25.20	9.01	.443	10.80	7.92	115
25.40	8.01	.432	9.71	7.06	148
25.60	7.20	.494	8.61	5.90	176
25.80	6.77	.541	7.95	5.55	181
26.00	6.58	.481	7.65	5.30	181
26.20	6.47	.439	7.91	5.43	181
26.40	6.37	.389	7.62	5.50	181
26.60	6.13	.319	6.87	5.30	181
26.80	5.15	.255	5.82	4.52	180
27.00	4.31	.177	4.75	3.95	158
27.10	4.02	.134	4.39	3.74	156
27.20	3.75	.102	4.08	3.42	156
27.30	3.46	.083	3.68	3.11	155
27.40	3.19	.069	3.28	2.85	153
27.50	2.67	.070	2.86	2.42	138
27.60	2.24	.076	2.43	2.12	36

SALINITY

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	32.160	.1964	32.434	32.009	4
23.80	32.300	.1504	32.492	32.049	14
24.00	32.378	.1255	32.600	32.109	30
24.20	32.430	.1252	32.611	32.103	40
24.40	32.436	.1243	32.672	32.139	50
24.60	32.462	.1225	32.721	32.173	59
24.80	32.483	.1089	32.734	32.188	72
25.00	32.498	.0958	32.747	32.249	90
25.20	32.535	.0904	32.901	32.314	115
25.40	32.583	.0824	32.927	32.421	148
25.60	32.700	.0879	32.955	32.480	176
25.80	32.881	.0915	33.108	32.680	181
26.00	33.104	.0795	33.290	32.898	181
26.20	33.338	.0730	33.587	33.173	181
26.40	33.574	.0642	33.790	33.434	181
26.60	33.788	.0511	33.910	33.660	181
26.80	33.890	.0374	33.991	33.801	180
27.00	34.024	.0241	34.080	33.977	158
27.10	34.113	.0177	34.161	34.076	156
27.20	34.204	.0128	34.245	34.162	156
27.30	34.293	.0102	34.319	34.251	155
27.40	34.375	.0082	34.397	34.347	153
27.50	34.453	.0078	34.473	34.426	138
27.60	34.536	.0077	34.555	34.525	36

DEPTH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	19	9.1	30	10	4
23.80	20	7.7	33	6	14
24.00	22	7.4	35	8	30
24.20	25	8.7	42	0	40
24.40	29	8.8	53	9	50
24.60	33	11.0	59	4	59
24.80	36	11.4	64	9	72
25.00	43	13.3	83	14	90
25.20	51	15.4	89	10	115
25.40	65	18.9	104	0	148
25.60	86	15.5	124	16	176
25.80	103	11.0	132	70	181
26.00	116	10.8	139	82	181
26.20	129	11.3	159	89	181
26.40	147	12.4	182	110	181
26.60	179	17.4	283	146	181
26.80	273	23.0	362	225	180
27.00	436	31.4	561	364	158
27.10	539	32.7	660	450	156
27.20	661	34.8	848	583	156
27.30	809	37.8	1056	722	155
27.40	996	39.5	1153	922	153
27.50	1253	53.0	1441	1147	138
27.60	1608	81.8	1753	1399	36

SVA

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	430.5	.18	430.8	430.4	4
23.80	411.5	.21	411.8	411.1	14
24.00	392.4	.20	392.7	392.0	30
24.20	373.3	.25	374.0	372.8	40
24.40	354.4	.25	355.0	353.7	50
24.60	335.4	.27	335.9	334.6	59
24.80	316.3	.24	316.9	315.7	72
25.00	297.4	.25	298.2	296.9	90
25.20	278.4	.27	279.4	277.8	115
25.40	259.6	.30	260.3	258.6	148
25.60	240.8	.24	241.4	239.8	176
25.80	221.9	.19	222.4	221.4	181
26.00	203.0	.16	203.5	202.6	181
26.20	184.3	.17	184.8	183.8	181
26.40	165.5	.21	166.3	165.0	181
26.60	146.9	.29	148.7	146.4	181
26.80	128.6	.32	130.2	128.0	180
27.00	110.7	.39	112.4	109.8	158
27.10	101.9	.37	103.5	100.9	156
27.20	93.1	.32	94.4	92.4	156
27.30	84.4	.27	85.5	83.7	155
27.40	75.5	.23	76.6	75.1	153
27.50	66.6	.21	67.3	66.2	138
27.60	57.9	.26	58.5	57.4	36

THETA

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	15.89	.656	16.79	15.37	4
23.80	15.45	.547	16.07	14.50	14
24.00	14.77	.497	15.59	13.63	30
24.20	13.98	.516	14.74	12.81	40
24.40	13.04	.504	14.00	11.93	50
24.60	12.08	.529	13.24	10.85	59
24.80	11.09	.484	12.22	9.84	72
25.00	10.02	.448	11.23	8.79	90
25.20	9.00	.442	10.79	7.92	115
25.40	8.00	.431	9.70	7.06	148
25.60	7.19	.494	8.60	5.89	176
25.80	6.76	.540	7.94	5.54	181
26.00	6.57	.481	7.64	5.29	181
26.20	6.46	.439	7.89	5.42	181
26.40	6.36	.389	7.61	5.48	181
26.60	6.12	.318	6.85	5.29	181
26.80	5.13	.254	5.80	4.50	180
27.00	4.27	.175	4.68	3.92	158
27.10	3.98	.134	4.34	3.70	156
27.20	3.71	.102	4.02	3.36	156
27.30	3.40	.084	3.62	3.04	155
27.40	3.03	.070	3.41	2.77	153
27.50	2.58	.072	2.77	2.33	138
27.60	2.14	.083	2.34	2.00	36

SVA (THETA)

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	429.0	.70	429.9	428.2	4
23.80	409.4	2.07	411.0	404.8	14
24.00	389.7	2.34	391.8	383.1	30
24.20	370.2	2.60	372.8	361.2	40
24.40	351.8	2.52	353.8	340.1	50
24.60	332.3	2.75	334.7	321.3	59
24.80	313.4	2.45	315.6	304.4	72
25.00	294.8	2.01	296.6	288.5	90
25.20	276.5	1.38	277.6	270.9	115
25.40	257.9	.84	258.6	254.2	148
25.60	239.1	.53	239.5	236.0	176
25.80	220.1	.44	220.5	217.8	181
26.00	201.1	.38	201.5	200.0	181
26.20	182.2	.30	182.5	180.7	181
26.40	163.3	.16	163.5	162.4	181
26.60	144.4	.06	144.5	144.2	181
26.80	125.3	.09	125.4	124.8	180
27.00	106.2	.11	106.4	105.9	158
27.10	96.7	.08	96.9	96.5	156
27.20	87.2	.06	87.3	87.1	156
27.30	77.7	.05	77.8	77.5	155
27.40	68.1	.07	68.2	67.9	153
27.50	58.5	.10	58.6	58.2	138
27.60	48.7	.16	49.1	48.5	36

STATION MP14 A L L D A T A (JANUARY-DECEMBER) 1956 to 1990

DELTA D

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	.823	.4103	1.330	.420	4
23.80	.846	.3349	1.430	.230	14
24.00	.911	.3214	1.530	.310	30
24.20	1.000	.3647	1.640	.000	40
24.40	1.140	.3558	2.020	.320	50
24.60	1.242	.4271	2.220	.150	59
24.80	1.307	.4489	2.400	.280	72
25.00	1.484	.4684	2.580	.430	90
25.20	1.660	.5203	2.870	.280	115
25.40	1.993	.5949	3.340	.000	148
25.60	2.466	.4744	3.740	.380	176
25.80	2.842	.3866	4.050	1.880	181
26.00	3.112	.3872	4.250	1.960	181
26.20	3.377	.3953	4.430	2.080	181
26.40	3.681	.4119	4.660	2.440	181
26.60	4.190	.4477	5.670	3.070	181
26.80	5.482	.4993	7.230	4.140	180
27.00	7.433	.5681	9.410	5.890	158
27.10	8.546	.5710	10.480	6.980	156
27.20	9.739	.5765	11.550	8.210	156
27.30	11.069	.5896	13.360	9.390	155
27.40	12.574	.6009	14.460	11.010	153
27.50	14.419	.6654	16.340	12.810	138
27.60	16.740	.7639	18.070	14.870	36

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.09	.086	.21	.02	4
.10	.068	.24	.01	14
.11	.072	.27	.01	30
.14	.088	.36	.00	40
.18	.107	.54	.01	50
.23	.137	.66	.00	59
.26	.158	.77	.01	72
.34	.206	1.07	.03	90
.45	.250	1.22	.01	115
.69	.332	1.54	.00	148
1.07	.346	2.04	.03	176
1.43	.310	2.36	.70	181
1.74	.322	2.62	.82	181
2.07	.358	2.97	.93	181
2.50	.416	3.70	1.30	181
3.36	.622	5.02	2.13	181
6.37	1.021	11.76	4.16	180
13.47	1.914	22.25	9.30	158
19.03	2.328	29.00	13.44	156
26.39	2.877	41.37	20.34	156
36.42	3.580	59.88	28.32	155
50.38	4.250	68.73	42.21	153
71.72	6.168	96.42	59.44	138
104.88	9.668	123.13	82.91	36

DELTA DH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	12.358	.3135	12.622	11.928	4
23.80	12.359	.2369	12.569	11.825	10
24.00	12.048	.3147	12.741	11.431	25
24.20	11.889	.3413	13.081	11.355	34
24.40	11.762	.3455	12.796	11.105	42
24.60	11.598	.4129	12.725	10.692	49
24.80	11.468	.3849	12.507	10.547	61
25.00	11.203	.4148	12.333	10.179	76
25.20	10.961	.4494	12.306	10.006	98
25.40	10.593	.4775	12.216	9.825	126
25.60	10.050	.3261	11.243	9.410	151
25.80	9.678	.2491	10.870	9.199	155
26.00	9.411	.2474	10.455	8.871	155
26.20	9.155	.2382	10.159	8.667	155
26.40	8.855	.2164	9.792	8.351	155
26.60	8.356	.1911	9.132	7.706	155
26.80	7.042	.1966	7.488	6.295	155
27.00	5.085	.2526	5.629	4.121	155
27.10	3.982	.3223	4.669	3.044	155
27.20	2.787	.2655	3.365	1.915	155
27.30	1.462	.2936	2.124	-0.577	155
27.40	-0.043	.3080	.509	-1.357	153
27.50	-1.885	.4066	-1.104	-3.436	138
27.60	-4.115	.5645	-2.728	-5.140	36

ACC. POT.

MEAN	S.D.	MAX	MIN	N
13.165	.3152	13.505	12.744	4
13.103	.2158	13.457	12.719	10
12.914	.2380	13.399	12.439	25
12.820	.2753	13.331	12.184	34
12.719	.2869	13.515	12.169	42
12.632	.2781	13.472	12.146	49
12.627	.2671	13.421	12.104	61
12.542	.2562	13.362	12.049	76
12.430	.2534	13.290	11.909	98
12.326	.2452	13.207	11.818	126
12.168	.2467	13.092	11.511	151
11.982	.2346	12.934	11.423	155
11.774	.2261	12.745	11.233	155
11.543	.2188	12.515	11.014	155
11.286	.2107	12.235	10.769	155
10.988	.1993	11.866	10.486	155
10.589	.1758	11.313	10.136	155
9.958	.1378	10.473	9.611	155
9.525	.1136	10.011	9.240	155
8.996	.0848	9.351	8.787	155
8.749	.0522	8.935	8.222	155
7.550	.0229	7.635	7.462	153
6.547	.0380	6.605	6.349	138
5.301	.0630	5.437	5.150	36

OXYGEN

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	6.05	n/a	n/a	n/a	1
23.80	6.03	.233	6.19	5.86	2
24.00	6.20	.100	6.28	6.09	3
24.20	6.33	.087	6.44	6.23	4
24.40	6.44	.115	6.61	6.37	4
24.60	6.47	.187	6.76	6.25	5
24.80	6.53	.272	6.91	6.13	6
25.00	6.54	.317	7.03	6.02	9
25.20	6.52	.385	7.14	6.03	9
25.40	6.44	.452	6.93	5.80	12
25.60	6.22	.447	6.71	5.42	15
25.80	5.81	.444	6.88	5.07	15
26.00	5.35	.373	5.96	4.59	15
26.20	4.85	.356	5.53	4.08	15
26.40	4.40	.311	5.05	3.71	15
26.60	3.95	.392	4.39	3.45	15
26.80	2.61	.396	3.23	1.89	15
27.00	1.16	.133	1.39	.99	15
27.10	.78	.075	.90	.62	15
27.20	.54	.095	.75	.34	15
27.30	.41	.061	.52	.33	15
27.40	.40	.061	.54	.32	14
27.50	.54	.066	.67	.42	13
27.60	1.00	.108	1.24	.89	11

SOUND

MEAN	S.D.	MAX	MIN	N
1507	2.2	1510	1505	4
1506	1.6	1508	1503	14
1504	1.8	1507	1500	30
1501	2.0	1504	1497	40
1498	1.9	1502	1494	50
1495	1.9	1499	1490	59
1492	1.8	1496	1487	72
1488	1.8	1493	1483	90
1484	1.8	1492	1480	115
1481	1.9	1488	1477	148
1478	2.1	1484	1473	176
1477	2.3	1482	1472	181
1477	2.0	1481	1472	181
1477	1.8	1483	1473	181
1477	1.7	1483	1474	181
1477	1.5	1482	1473	181
1475	1.2	1478	1472	180
1474	1.1	1478	1471	158
1475	.9	1478	1472	156
1476	.8	1479	1474	156
1477	.7	1480	1475	155
1479	.6	1481	1478	153
1481	.8	1484	1480	138
1486	1.1	1487	1483	36

Table 7. Statistics of TEMPERATURE, SALINITY, DEPTH, SVA, THETA, SVA (THETA), DELTA D, POT. ENERGY, DELTA DH, ACC. POT., OXYGEN and SOUND on σ_t-surfaces, by month, for Station 7 (P14).

Table 7: STATION MP14 J A N U A R Y 1956 to 1990

TEMPERATURE

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	9.69	.049	9.73	9.66	2
25.20	8.91	.119	9.08	8.81	4
25.40	8.07	.430	8.91	7.22	12
25.60	7.44	.495	8.24	6.76	14
25.80	6.95	.598	7.72	5.74	14
26.00	6.60	.516	7.16	5.53	14
26.20	6.46	.479	7.28	5.64	14
26.40	6.34	.388	6.83	5.71	14
26.60	6.14	.355	6.60	5.46	14
26.80	5.20	.291	5.58	4.80	14
27.00	4.33	.264	4.72	3.98	14
27.10	4.03	.192	4.34	3.76	14
27.20	3.76	.121	3.98	3.59	14
27.30	3.47	.080	3.60	3.34	14
27.40	3.11	.061	3.22	3.00	14
27.50	2.67	.065	2.77	2.56	11
27.60	2.22	.078	2.27	2.16	2

SALINITY

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	32.403	.0092	32.410	32.395	2
25.20	32.503	.0249	32.538	32.484	4
25.40	32.601	.0826	32.757	32.442	12
25.60	32.744	.0935	32.887	32.622	14
25.80	32.914	.1057	33.043	32.710	14
26.00	33.105	.0860	33.203	32.932	14
26.20	33.335	.0799	33.473	33.202	14
26.40	33.568	.0636	33.650	33.466	14
26.60	33.789	.0570	33.864	33.682	14
26.80	33.897	.0432	33.954	33.838	14
27.00	34.028	.0362	34.080	33.981	14
27.10	34.114	.0259	34.156	34.078	14
27.20	34.205	.0150	34.233	34.183	14
27.30	34.294	.0100	34.310	34.279	14
27.40	34.376	.0077	34.390	34.365	14
27.50	34.454	.0083	34.464	34.441	11
27.60	34.534	.0054	34.539	34.528	2

DEPTH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	60	11.3	68	52	2
25.20	70	4.7	74	63	4
25.40	81	10.9	104	69	12
25.60	91	13.1	114	76	14
25.80	101	12.2	121	82	14
26.00	114	12.5	134	97	14
26.20	130	13.6	155	112	14
26.40	148	13.6	174	130	14
26.60	182	14.8	205	153	14
26.80	276	21.2	314	244	14
27.00	443	17.1	469	423	14
27.10	544	22.4	582	512	14
27.20	663	25.3	714	627	14
27.30	811	28.4	856	763	14
27.40	992	33.6	1047	923	14
27.50	1257	50.3	1357	1187	11
27.60	1649	43.8	1680	1618	2

SVA

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	297.8	.22	297.9	297.6	2
25.20	278.8	.05	278.9	278.7	4
25.40	259.8	.20	260.3	259.6	12
25.60	240.8	.25	241.3	240.6	14
25.80	221.9	.25	222.3	221.6	14
26.00	203.0	.18	203.4	202.6	14
26.20	184.3	.20	184.7	184.0	14
26.40	165.5	.25	166.0	165.1	14
26.60	147.0	.26	147.4	146.4	14
26.80	128.7	.36	129.3	128.1	14
27.00	110.8	.36	111.4	110.3	14
27.10	101.9	.35	102.5	101.4	14
27.20	93.1	.29	93.7	92.7	14
27.30	84.4	.24	84.8	84.0	14
27.40	75.5	.19	75.9	75.2	14
27.50	66.7	.16	66.9	66.3	11
27.60	58.0	.07	58.1	58.0	2

THETA

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	9.68	.050	9.74	9.65	2
25.20	8.90	.119	9.07	8.80	4
25.40	8.06	.430	8.90	7.21	12
25.60	7.43	.497	8.23	6.75	14
25.80	6.94	.597	7.71	5.74	14
26.00	6.59	.516	7.15	5.52	14
26.20	6.45	.480	7.27	5.63	14
26.40	6.33	.387	6.82	5.70	14
26.60	6.13	.354	6.58	5.45	14
26.80	5.18	.289	5.56	4.78	14
27.00	4.30	.261	4.68	3.95	14
27.10	3.99	.192	4.30	3.72	14
27.20	3.71	.121	3.93	3.54	14
27.30	3.41	.081	3.55	3.28	14
27.40	3.04	.063	3.15	2.93	14
27.50	2.59	.069	2.69	2.46	11
27.60	2.10	.085	2.16	2.04	2

SVA (THETA)

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	296.6	.06	296.6	296.5	2
25.20	277.3	.17	277.5	277.1	4
25.40	258.1	.72	258.5	255.9	12
25.60	238.9	.96	239.5	236.0	14
25.80	220.0	.73	220.5	217.8	14
26.00	201.2	.21	201.4	200.7	14
26.20	182.3	.26	182.4	181.5	14
26.40	163.3	.13	163.4	163.1	14
26.60	144.4	.02	144.4	144.3	14
26.80	125.3	.07	125.4	125.2	14
27.00	106.2	.13	106.3	105.9	14
27.10	96.7	.10	96.8	96.5	14
27.20	87.2	.04	87.2	87.1	14
27.30	77.7	.04	77.7	77.6	14
27.40	68.1	.05	68.2	68.0	14
27.50	58.6	.07	58.6	58.4	11
27.60	48.6	.07	48.7	48.6	2

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DELTA D

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	1.820	.3677	2.080	1.560	2
25.20	2.078	.1282	2.160	1.890	4
25.40	2.219	.2655	2.770	1.970	12
25.60	2.459	.3999	3.020	2.180	14
25.80	2.696	.3018	3.180	2.360	14
26.00	2.966	.2992	3.450	2.520	14
26.20	3.286	.2986	3.840	2.900	14
26.40	3.591	.2968	4.180	3.170	14
26.60	4.126	.2987	4.670	3.500	14
26.80	5.428	.3721	6.000	4.750	14
27.00	7.429	.3198	7.870	6.960	14
27.10	8.514	.3837	9.070	7.830	14
27.20	9.688	.4128	10.380	8.960	14
27.30	11.009	.4450	11.630	10.160	14
27.40	12.471	.4703	13.080	11.450	14
27.50	14.394	.5944	15.320	13.340	11
27.60	16.875	.1627	16.990	16.760	2

POT. ENERGY

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	.57	.212	.72	.42	2
25.20	.74	.093	.82	.61	4
25.40	.93	.248	1.47	.72	12
25.60	1.16	.318	1.75	.85	14
25.80	1.39	.323	1.95	.98	14
26.00	1.69	.354	2.31	1.23	14
26.20	2.09	.419	2.90	1.60	14
26.40	2.52	.457	3.47	1.99	14
26.60	3.43	.543	4.42	2.48	14
26.80	6.49	.949	8.22	5.03	14
27.00	13.84	1.179	15.66	12.64	14
27.10	19.34	1.655	22.22	16.84	14
27.20	26.63	2.120	30.91	23.44	14
27.30	36.63	2.648	40.43	32.03	14
27.40	50.18	3.346	55.06	43.17	14
27.50	72.27	5.513	82.67	63.63	11
27.60	109.44	3.861	112.17	106.71	2

DELTA DH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	10.703	.1923	10.839	10.567	2
25.20	10.380	.1391	10.509	10.231	4
25.40	10.248	.2302	10.558	9.831	12
25.60	9.997	.1891	10.255	9.634	14
25.80	9.761	.1692	10.052	9.470	14
26.00	9.490	.1958	9.830	9.206	14
26.20	9.168	.2036	9.448	8.783	14
26.40	8.866	.1713	9.127	8.535	14
26.60	8.329	.1273	8.538	8.118	14
26.80	7.028	.1886	7.351	6.734	14
27.00	5.027	.1431	5.299	4.853	14
27.10	3.943	.1646	4.162	3.659	14
27.20	2.769	.1904	3.000	2.355	14
27.30	1.448	.2140	1.791	1.098	14
27.40	-0.013	.2557	.505	-0.439	14
27.50	-1.915	.3797	-1.383	-2.675	11
27.60	-4.386	.2588	-4.203	-4.569	2

ACC. POT.

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	12.501	.1492	12.696	12.395	2
25.20	12.339	.1058	12.473	12.231	4
25.40	12.353	.2418	12.762	11.938	12
25.60	12.198	.2476	12.592	11.940	14
25.80	12.016	.2279	12.373	11.804	14
26.00	11.813	.2101	12.138	11.420	14
26.20	11.585	.1948	11.885	11.213	14
26.40	11.323	.1793	11.596	10.972	14
26.60	11.021	.1607	11.268	10.709	14
26.80	10.615	.1342	10.815	10.355	14
27.00	9.973	.1034	10.104	9.787	14
27.10	9.534	.0696	9.641	9.392	14
27.20	9.000	.0707	9.086	8.857	14
27.30	8.354	.0463	8.416	8.257	14
27.40	7.551	.0207	7.587	7.511	14
27.50	6.547	.0286	6.582	6.488	11
27.60	5.296	.0120	5.305	5.288	2

OXYGEN

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	n/a	n/a	n/a	n/a	0
25.60	n/a	n/a	n/a	n/a	0
25.80	n/a	n/a	n/a	n/a	0
26.00	n/a	n/a	n/a	n/a	0
26.20	n/a	n/a	n/a	n/a	0
26.40	n/a	n/a	n/a	n/a	0
26.60	n/a	n/a	n/a	n/a	0
26.80	n/a	n/a	n/a	n/a	0
27.00	n/a	n/a	n/a	n/a	0
27.10	n/a	n/a	n/a	n/a	0
27.20	n/a	n/a	n/a	n/a	0
27.30	n/a	n/a	n/a	n/a	0
27.40	n/a	n/a	n/a	n/a	0
27.50	n/a	n/a	n/a	n/a	0
27.60	n/a	n/a	n/a	n/a	0

SOUND

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	1497	.0	1497	1497	2
25.20	1484	.3	1485	1484	4
25.40	1481	1.8	1485	1478	12
25.60	1479	2.2	1483	1476	14
25.80	1478	2.6	1481	1473	14
26.00	1477	2.2	1479	1472	14
26.20	1477	2.0	1480	1474	14
26.40	1477	1.6	1479	1474	14
26.60	1477	1.9	1479	1474	14
26.80	1475	1.5	1477	1473	14
27.00	1474	1.3	1476	1472	14
27.10	1475	1.0	1476	1473	14
27.20	1476	.7	1477	1475	14
27.30	1477	.6	1478	1476	14
27.40	1479	.5	1479	1478	14
27.50	1481	.8	1482	1480	11
27.60	1486	.0	1486	1486	2

STATION MP14 F E B R U A R Y 1956 to 1990

TEMPERATURE

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	8.65	n/a	n/a	n/a	1
25.40	7.90	.354	8.16	7.50	3
25.60	7.04	.609	7.82	5.90	9
25.80	6.71	.560	7.51	5.74	11
26.00	6.57	.416	7.21	5.93	11
26.20	6.52	.305	7.00	6.10	11
26.40	6.46	.253	6.88	6.17	11
26.60	6.23	.219	6.64	5.96	11
26.80	5.19	.285	5.68	4.66	11
27.00	4.33	.209	4.66	3.95	11
27.10	4.06	.147	4.30	3.82	11
27.20	3.76	.142	3.92	3.42	11
27.30	3.45	.126	3.57	3.11	11
27.40	3.08	.075	3.16	2.89	11
27.50	2.65	.069	2.72	2.53	11
27.60	2.28	n/a	n/a	n/a	1

SALINITY

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	32.450	n/a	n/a	n/a	1
25.40	32.573	.0549	32.612	32.510	3
25.60	32.673	.1069	32.827	32.480	9
25.80	32.873	.0953	33.026	32.722	11
26.00	33.102	.0671	33.212	33.011	11
26.20	33.344	.0521	33.430	33.276	11
26.40	33.587	.0422	33.657	33.538	11
26.60	33.803	.0361	33.870	33.759	11
26.80	33.896	.0425	33.971	33.819	11
27.00	34.027	.0276	34.072	33.979	11
27.10	34.117	.0187	34.148	34.088	11
27.20	34.204	.0170	34.224	34.162	11
27.30	34.292	.0152	34.306	34.251	11
27.40	34.374	.0092	34.383	34.352	11
27.50	34.452	.0078	34.459	34.438	11
27.60	34.542	n/a	n/a	n/a	1

DEPTH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	70	n/a	n/a	n/a	1
25.40	60	48.0	100	7	3
25.60	99	11.6	119	81	9
25.80	107	13.8	124	79	11
26.00	116	14.1	131	82	11
26.20	127	15.8	141	89	11
26.40	144	15.9	161	110	11
26.60	179	14.3	200	152	11
26.80	281	21.1	325	252	11
27.00	457	28.5	517	422	11
27.10	564	43.3	652	504	11
27.20	700	61.3	848	638	11
27.30	849	75.6	1056	779	11
27.40	1028	56.9	1150	950	11
27.50	1288	64.0	1441	1211	11
27.60	1685	n/a	n/a	n/a	1

SVA

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	278.8	n/a	n/a	n/a	1
25.40	259.5	.76	260.2	258.7	3
25.60	240.9	.19	241.2	240.6	9
25.80	221.9	.22	222.2	221.6	11
26.00	203.1	.22	203.3	202.6	11
26.20	184.2	.21	184.5	183.8	11
26.40	165.5	.20	165.8	165.1	11
26.60	147.0	.16	147.2	146.7	11
26.80	128.7	.28	129.4	128.5	11
27.00	110.9	.43	111.7	110.3	11
27.10	102.1	.48	102.9	101.5	11
27.20	93.4	.40	94.2	92.9	11
27.30	84.6	.32	85.2	84.2	11
27.40	75.7	.29	76.2	75.3	11
27.50	66.8	.24	67.2	66.5	11
27.60	58.5	n/a	n/a	n/a	1

THETA

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	8.64	n/a	n/a	n/a	1
25.40	7.90	.350	8.15	7.50	3
25.60	7.03	.609	7.81	5.89	9
25.80	6.70	.560	7.50	5.73	11
26.00	6.56	.414	7.19	5.92	11
26.20	6.51	.305	6.99	6.09	11
26.40	6.45	.253	6.87	6.16	11
26.60	6.21	.219	6.63	5.95	11
26.80	5.17	.286	5.66	4.63	11
27.00	4.29	.206	4.62	3.92	11
27.10	4.02	.145	4.25	3.78	11
27.20	3.71	.144	3.86	3.36	11
27.30	3.39	.128	3.51	3.04	11
27.40	3.01	.078	3.09	2.81	11
27.50	2.56	.072	2.63	2.43	11
27.60	2.17	n/a	n/a	n/a	1

SVA (THETA)

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	277.4	n/a	n/a	n/a	1
25.40	257.9	.70	258.4	257.1	3
25.60	239.1	.61	239.5	237.7	9
25.80	220.0	.57	220.4	218.6	11
26.00	201.0	.43	201.4	200.0	11
26.20	182.2	.36	182.4	181.3	11
26.40	163.3	.14	163.5	163.0	11
26.60	144.4	.04	144.4	144.3	11
26.80	125.3	.08	125.4	125.2	11
27.00	106.2	.09	106.3	106.1	11
27.10	96.7	.05	96.8	96.7	11
27.20	87.2	.05	87.2	87.1	11
27.30	77.7	.05	77.7	77.6	11
27.40	68.1	.08	68.2	67.9	11
27.50	58.5	.09	58.6	58.3	11
27.60	48.5	n/a	n/a	n/a	1

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DELTA D

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	2.050	n/a	n/a	n/a	1
25.40	1.650	1.3059	2.640	.170	3
25.60	2.536	.2605	3.000	2.240	9
25.80	2.689	.3569	3.120	1.880	11
26.00	2.886	.3801	3.260	1.960	11
26.20	3.101	.4201	3.450	2.080	11
26.40	3.389	.4143	3.760	2.440	11
26.60	3.939	.3633	4.310	3.100	11
26.80	5.354	.2786	5.840	4.890	11
27.00	7.461	.3482	7.980	6.940	11
27.10	8.611	.4879	9.540	7.940	11
27.20	9.945	.6524	11.470	9.170	11
27.30	11.285	.7986	13.360	10.420	11
27.40	12.740	.6674	14.140	11.810	11
27.50	14.605	.7140	16.220	13.700	11
27.60	17.430	n/a	n/a	n/a	1

POT. ENERGY

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	.74	n/a	n/a	n/a	1
25.40	.72	.674	1.35	.01	3
25.60	1.30	.290	1.85	.95	9
25.80	1.49	.368	2.00	.76	11
26.00	1.71	.390	2.15	.82	11
26.20	1.98	.457	2.40	.93	11
26.40	2.38	.506	2.89	1.30	11
26.60	3.29	.537	4.03	2.18	11
26.80	6.63	.829	8.02	5.41	11
27.00	14.61	1.715	18.18	13.77	11
27.10	20.70	2.902	26.54	17.01	11
27.20	29.44	4.877	41.37	25.00	11
27.30	40.19	7.155	59.88	34.20	11
27.40	54.12	6.384	68.73	46.48	11
27.50	76.35	8.204	96.42	67.05	11
27.60	115.55	n/a	n/a	n/a	1

DELTA DH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	10.473	n/a	n/a	n/a	1
25.40	10.898	1.1508	12.216	10.091	3
25.60	9.966	.2961	10.310	9.519	9
25.80	9.746	.3080	10.350	9.354	11
26.00	9.548	.3407	10.276	9.123	11
26.20	9.334	.3818	10.159	8.939	11
26.40	9.046	.3689	9.792	8.592	11
26.60	8.495	.3040	9.135	8.102	11
26.80	7.083	.2386	7.486	6.730	11
27.00	4.974	.2602	5.233	4.370	11
27.10	3.823	.3209	4.327	3.241	11
27.20	2.490	.4832	2.949	1.315	11
27.30	1.149	.6202	1.685	-0.577	11
27.40	-0.304	.4669	.302	-1.357	11
27.50	-2.170	.5210	-1.551	-3.436	11
27.60	-4.699	n/a	n/a	n/a	1

ACC. POT.

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	12.447	n/a	n/a	n/a	1
25.40	12.469	.2141	12.712	12.309	3
25.60	12.363	.2162	12.718	12.069	9
25.80	12.133	.2020	12.518	11.875	11
26.00	11.921	.1968	12.303	11.661	11
26.20	11.691	.1993	12.075	11.429	11
26.40	11.438	.2055	11.824	11.177	11
26.60	11.144	.2100	11.525	10.893	11
26.80	10.733	.2005	11.102	10.516	11
27.00	10.087	.1868	10.469	9.869	11
27.10	9.638	.1695	10.011	9.453	11
27.20	9.085	.1239	9.351	8.930	11
27.30	8.399	.0616	8.509	8.308	11
27.40	7.555	.0385	7.602	7.462	11
27.50	6.524	.0683	6.579	6.349	11
27.60	5.274	n/a	n/a	n/a	1

OXYGEN

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	5.80	n/a	n/a	n/a	1
25.60	5.55	n/a	n/a	n/a	1
25.80	5.33	n/a	n/a	n/a	1
26.00	5.12	n/a	n/a	n/a	1
26.20	4.69	n/a	n/a	n/a	1
26.40	4.17	n/a	n/a	n/a	1
26.60	3.70	n/a	n/a	n/a	1
26.80	1.89	n/a	n/a	n/a	1
27.00	1.07	n/a	n/a	n/a	1
27.10	.90	n/a	n/a	n/a	1
27.20	.75	n/a	n/a	n/a	1
27.30	.52	n/a	n/a	n/a	1
27.40	.34	n/a	n/a	n/a	1
27.50	.51	n/a	n/a	n/a	1
27.60	1.24	n/a	n/a	n/a	1

SOUND

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	1483	n/a	n/a	n/a	1
25.40	1480	2.1	1482	1478	3
25.60	1478	2.6	1481	1473	9
25.80	1477	2.3	1480	1473	11
26.00	1477	1.9	1480	1474	11
26.20	1477	1.3	1479	1475	11
26.40	1477	1.1	1479	1476	11
26.60	1477	.9	1479	1476	11
26.80	1475	1.4	1477	1473	11
27.00	1474	1.2	1476	1472	11
27.10	1475	1.0	1477	1474	11
27.20	1476	.9	1478	1475	11
27.30	1478	1.0	1480	1477	11
27.40	1479	.8	1480	1478	11
27.50	1482	.9	1484	1481	11
27.60	1487	n/a	n/a	n/a	1

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TEMPERATURE

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	7.63	.320	7.98	7.32	4
25.60	7.11	.398	7.78	6.39	12
25.80	6.93	.377	7.61	6.28	12
26.00	6.78	.353	7.40	6.21	12
26.20	6.64	.337	7.08	6.13	12
26.40	6.50	.342	6.91	6.07	12
26.60	6.20	.310	6.63	5.77	12
26.80	5.22	.222	5.50	4.81	12
27.00	4.45	.161	4.64	4.13	10
27.10	4.13	.139	4.36	3.91	10
27.20	3.82	.129	4.08	3.66	10
27.30	3.48	.087	3.60	3.34	9
27.40	3.12	.057	3.21	3.04	8
27.50	2.69	.067	2.79	2.59	7
27.60	2.27	.016	2.29	2.25	4

SALINITY

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	32.515	.0573	32.578	32.461	4
25.60	32.684	.0664	32.798	32.573	12
25.80	32.909	.0626	33.021	32.794	12
26.00	33.135	.0612	33.238	33.041	12
26.20	33.368	.0561	33.438	33.287	12
26.40	33.596	.0567	33.664	33.524	12
26.60	33.798	.0506	33.869	33.729	12
26.80	33.899	.0324	33.941	33.840	12
27.00	34.043	.0223	34.069	34.000	10
27.10	34.127	.0186	34.157	34.098	10
27.20	34.212	.0157	34.245	34.192	10
27.30	34.296	.0109	34.311	34.278	9
27.40	34.378	.0068	34.390	34.369	8
27.50	34.455	.0086	34.466	34.444	7
27.60	34.539	.0055	34.540	34.538	4

DEPTH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	40	36.0	83	6	4
25.60	90	10.9	105	73	12
25.80	101	10.1	115	82	12
26.00	112	9.9	126	100	12
26.20	125	10.7	145	112	12
26.40	144	11.8	173	131	12
26.60	179	17.4	226	158	12
26.80	274	17.3	297	248	12
27.00	439	33.2	482	390	10
27.10	541	33.8	587	493	10
27.20	661	31.4	714	615	10
27.30	815	35.4	849	771	9
27.40	998	34.6	1037	944	8
27.50	1258	46.8	1300	1182	7
27.60	1613	61.6	1664	1526	4

SVA

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	259.2	.56	259.9	258.7	4
25.60	240.8	.15	241.0	240.5	12
25.80	221.9	.11	222.1	221.7	12
26.00	203.1	.12	203.3	202.9	12
26.20	184.2	.14	184.5	184.1	12
26.40	165.5	.18	165.9	165.3	12
26.60	147.0	.23	147.4	146.7	12
26.80	128.7	.22	129.0	128.3	12
27.00	110.9	.37	111.5	110.5	10
27.10	102.1	.38	102.8	101.7	10
27.20	93.2	.41	94.1	92.8	10
27.30	84.5	.30	85.0	84.2	9
27.40	75.6	.26	76.0	75.3	8
27.50	66.7	.29	67.1	66.3	7
27.60	58.0	.28	58.2	57.6	4

THETA

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	7.63	.317	7.97	7.32	4
25.60	7.10	.397	7.77	6.39	12
25.80	6.92	.376	7.60	6.27	12
26.00	6.77	.353	7.39	6.20	12
26.20	6.63	.337	7.07	6.12	12
26.40	6.49	.342	6.89	6.06	12
26.60	6.18	.309	6.61	5.75	12
26.80	5.19	.221	5.48	4.79	12
27.00	4.41	.159	4.60	4.10	10
27.10	4.09	.136	4.31	3.87	10
27.20	3.77	.124	4.02	3.62	10
27.30	3.42	.087	3.54	3.28	9
27.40	3.04	.055	3.13	2.97	8
27.50	2.60	.069	2.71	2.50	7
27.60	2.16	.022	2.19	2.14	4

SVA (THETA)

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	258.5	.07	258.6	258.4	4
25.60	239.0	.42	239.5	238.2	12
25.80	219.9	.52	220.5	219.0	12
26.00	201.1	.30	201.5	200.4	12
26.20	182.1	.35	182.4	181.3	12
26.40	163.3	.20	163.4	162.7	12
26.60	144.4	.04	144.4	144.3	12
26.80	125.3	.05	125.4	125.3	12
27.00	106.3	.05	106.3	106.2	10
27.10	96.7	.10	96.8	96.5	10
27.20	87.2	.07	87.3	87.1	10
27.30	77.6	.07	77.7	77.5	9
27.40	68.1	.09	68.2	68.0	8
27.50	58.5	.12	58.6	58.3	7
27.60	48.7	.14	48.9	48.6	4

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DELTA D

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	1.068	.9736	2.230	.200	4
25.60	2.307	.2819	2.740	1.910	12
25.80	2.553	.2530	2.960	2.120	12
26.00	2.783	.2400	3.150	2.500	12
26.20	3.047	.2454	3.420	2.690	12
26.40	3.375	.2516	3.910	3.020	12
26.60	3.918	.3076	4.750	3.610	12
26.80	5.230	.2325	5.730	4.900	12
27.00	7.185	.4057	7.870	6.580	10
27.10	8.285	.4226	8.930	7.700	10
27.20	9.461	.4042	10.080	8.950	10
27.30	10.856	.3524	11.390	10.310	9
27.40	12.327	.4187	12.960	11.700	8
27.50	14.229	.4760	14.770	13.430	7
27.60	16.502	.6279	16.970	15.580	4

POT. ENERGY

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	.35	.444	.95	.01	4
25.60	1.09	.255	1.48	.71	12
25.80	1.33	.261	1.73	.87	12
26.00	1.58	.275	1.97	1.23	12
26.20	1.90	.310	2.41	1.51	12
26.40	2.35	.374	3.22	1.91	12
26.60	3.26	.399	4.55	2.62	12
26.80	6.30	.694	7.55	5.38	12
27.00	13.50	1.883	16.22	10.87	10
27.10	19.04	2.306	22.24	16.08	10
27.20	26.30	2.569	30.68	22.88	10
27.30	36.84	2.525	40.49	33.93	9
27.40	50.66	3.538	55.12	45.19	8
27.50	72.54	5.319	77.21	63.94	7
27.60	105.90	8.295	112.76	93.96	4

DELTA DH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	11.580	.7788	12.070	10.682	3
25.60	9.969	.3561	10.468	9.508	9
25.80	9.722	.3130	10.189	9.361	9
26.00	9.508	.2684	9.925	9.164	9
26.20	9.258	.2325	9.664	8.966	9
26.40	8.939	.2123	9.282	8.708	9
26.60	8.405	.1594	8.619	8.111	9
26.80	7.069	.1406	7.329	6.889	9
27.00	5.067	.2894	5.487	4.731	9
27.10	3.947	.2758	4.343	3.632	9
27.20	2.754	.2211	3.045	2.373	9
27.30	1.418	.1895	1.736	1.152	9
27.40	-0.061	.2634	.344	-0.363	8
27.50	-1.928	.3581	-1.361	-2.246	7
27.60	-4.172	.4576	-3.518	-4.540	4

ACC. POT.

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	12.252	.0741	12.318	12.172	3
25.60	12.163	.1869	12.518	11.945	9
25.80	11.980	.1879	12.315	11.749	9
26.00	11.780	.1874	12.087	11.549	9
26.20	11.558	.1855	11.837	11.338	9
26.40	11.309	.1847	11.582	11.088	9
26.60	11.017	.1804	11.288	10.793	9
26.80	10.618	.1659	10.863	10.394	9
27.00	9.994	.1290	10.190	9.811	9
27.10	9.556	.1026	9.720	9.400	9
27.20	9.021	.0769	9.155	8.910	9
27.30	8.364	.0493	8.434	8.287	9
27.40	7.559	.0268	7.601	7.524	8
27.50	6.551	.0292	6.587	6.505	7
27.60	5.288	.0572	5.370	5.242	4

OXYGEN

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	6.77	n/a	n/a	n/a	1
25.60	6.52	.211	6.65	6.28	3
25.80	5.92	.131	6.01	5.77	3
26.00	5.36	.060	5.42	5.30	3
26.20	4.84	.076	4.92	4.77	3
26.40	4.47	.087	4.57	4.42	3
26.60	4.06	.116	4.18	3.95	3
26.80	2.87	.049	2.90	2.81	3
27.00	1.10	.100	1.18	.99	3
27.10	.75	.075	.82	.67	3
27.20	.47	.125	.59	.34	3
27.30	.36	.036	.40	.33	3
27.40	.34	.014	.35	.33	2
27.50	.51	.049	.54	.47	2
27.60	.97	.035	1.00	.95	2

SOUND

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	1479	2.1	1481	1477	4
25.60	1478	1.6	1481	1475	12
25.80	1478	1.5	1480	1475	12
26.00	1477	1.6	1480	1475	12
26.20	1478	1.4	1479	1476	12
26.40	1478	1.4	1479	1476	12
26.60	1477	1.3	1479	1476	12
26.80	1475	1.1	1476	1473	12
27.00	1475	1.0	1476	1474	10
27.10	1475	1.0	1477	1474	10
27.20	1476	1.0	1478	1475	10
27.30	1477	.7	1478	1476	9
27.40	1479	.7	1480	1478	8
27.50	1481	.8	1482	1480	7
27.60	1486	1.0	1486	1484	4

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TEMPERATURE

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	7.89	.362	8.37	7.60	4
25.60	6.86	.533	7.91	6.35	8
25.80	6.32	.600	7.43	5.56	11
26.00	6.27	.471	6.95	5.62	11
26.20	6.23	.431	6.89	5.49	11
26.40	6.16	.376	6.76	5.54	11
26.60	5.99	.326	6.40	5.42	11
26.80	5.10	.258	5.45	4.71	11
27.00	4.26	.169	4.57	4.04	8
27.10	4.02	.130	4.19	3.81	7
27.20	3.75	.096	3.86	3.60	7
27.30	3.48	.041	3.53	3.40	7
27.40	3.11	.023	3.15	3.08	7
27.50	2.69	.039	2.73	2.63	7
27.60	2.32	n/a	n/a	n/a	1

SALINITY

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	32.565	.0683	32.655	32.510	4
25.60	32.642	.0924	32.822	32.553	8
25.80	32.806	.0988	32.988	32.682	11
26.00	33.054	.0765	33.165	32.945	11
26.20	33.298	.0705	33.412	33.180	11
26.40	33.540	.0599	33.637	33.439	11
26.60	33.764	.0510	33.831	33.678	11
26.80	33.882	.0352	33.936	33.826	11
27.00	34.018	.0230	34.059	33.987	8
27.10	34.112	.0165	34.134	34.084	7
27.20	34.203	.0122	34.217	34.184	7
27.30	34.295	.0055	34.300	34.285	7
27.40	34.377	.0043	34.381	34.373	7
27.50	34.456	.0035	34.459	34.450	7
27.60	34.540	n/a	n/a	n/a	1

DEPTH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	60	48.6	102	0	4
25.60	89	17.9	118	62	8
25.80	104	11.4	124	82	11
26.00	115	10.3	130	98	11
26.20	126	12.5	143	105	11
26.40	141	14.3	163	117	11
26.60	171	16.4	196	147	11
26.80	264	20.9	289	225	11
27.00	416	34.4	461	364	8
27.10	523	29.6	559	486	7
27.20	641	31.9	683	604	7
27.30	785	35.2	815	735	7
27.40	970	26.5	996	922	7
27.50	1223	29.0	1265	1175	7
27.60	1500	n/a	n/a	n/a	1

SVA

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	259.5	.74	260.2	258.6	4
25.60	240.7	.33	241.4	240.3	8
25.80	221.8	.27	222.4	221.4	11
26.00	203.0	.21	203.4	202.7	11
26.20	184.1	.18	184.3	183.8	11
26.40	165.4	.23	165.7	165.0	11
26.60	146.8	.17	147.3	146.5	11
26.80	128.5	.33	129.0	128.0	11
27.00	110.5	.45	111.1	109.9	8
27.10	101.8	.39	102.2	101.2	7
27.20	93.0	.38	93.4	92.4	7
27.30	84.2	.30	84.5	83.7	7
27.40	75.4	.13	75.6	75.2	7
27.50	66.5	.11	66.7	66.4	7
27.60	57.5	n/a	n/a	n/a	1

THETA

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	7.89	.358	8.36	7.60	4
25.60	6.85	.531	7.90	6.34	8
25.80	6.31	.599	7.42	5.55	11
26.00	6.26	.471	6.94	5.61	11
26.20	6.22	.431	6.88	5.48	11
26.40	6.14	.378	6.75	5.52	11
26.60	5.97	.323	6.39	5.41	11
26.80	5.08	.238	5.43	4.69	11
27.00	4.23	.165	4.53	4.01	8
27.10	3.98	.128	4.15	3.77	7
27.20	3.71	.096	3.81	3.55	7
27.30	3.42	.042	3.47	3.34	7
27.40	3.04	.023	3.08	3.01	7
27.50	2.61	.039	2.65	2.54	7
27.60	2.22	n/a	n/a	n/a	1

SVA (THETA)

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	258.3	.09	258.4	258.2	4
25.60	239.0	.36	239.4	238.5	8
25.80	220.1	.41	220.5	219.2	11
26.00	200.9	.50	201.5	200.1	11
26.20	182.1	.29	182.4	181.6	11
26.40	163.3	.18	163.4	162.9	11
26.60	144.4	.06	144.4	144.2	11
26.80	125.3	.09	125.4	125.2	11
27.00	106.3	.08	106.4	106.2	8
27.10	96.7	.10	96.8	96.6	7
27.20	87.2	.08	87.3	87.1	7
27.30	77.7	.06	77.8	77.6	7
27.40	68.2	.05	68.2	68.1	7
27.50	58.5	.08	58.6	58.4	7
27.60	49.1	n/a	n/a	n/a	1

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DELTA D

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	1.607	1.3057	2.720	.000	4
25.60	2.290	.5123	3.140	1.570	8
25.80	2.594	.3669	3.290	1.920	11
26.00	2.820	.3350	3.410	2.260	11
26.20	3.040	.3758	3.600	2.410	11
26.40	3.285	.4043	3.960	2.610	11
26.60	3.758	.4120	4.470	3.070	11
26.80	5.029	.4714	5.750	4.140	11
27.00	6.902	.6322	7.830	5.890	8
27.10	8.083	.5920	8.870	7.180	7
27.20	9.241	.6157	9.990	8.330	7
27.30	10.524	.6391	11.270	9.520	7
27.40	12.021	.5866	12.730	11.010	7
27.50	13.829	.6005	14.510	12.810	7
27.60	14.870	n/a	n/a	n/a	1

POT. ENERGY

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	.73	.723	1.41	.00	4
25.60	1.08	.452	1.88	.49	8
25.80	1.39	.345	2.07	.81	11
26.00	1.65	.335	2.23	1.12	11
26.20	1.92	.403	2.49	1.27	11
26.40	2.26	.471	3.06	1.51	11
26.60	3.02	.575	4.00	2.13	11
26.80	5.86	.917	7.16	4.16	11
27.00	12.27	1.990	15.13	9.30	8
27.10	17.87	2.129	20.63	14.95	7
27.20	24.79	2.634	27.93	21.38	7
27.30	34.19	3.283	37.45	29.53	7
27.40	47.65	3.154	51.04	42.21	7
27.50	68.04	3.847	72.90	61.61	7
27.60	89.90	n/a	n/a	n/a	1

DELTA DH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	10.354	.7141	11.166	9.825	3
25.60	9.776	.2326	10.031	9.410	5
25.80	9.436	.2154	9.776	9.259	7
26.00	9.239	.2336	9.601	9.033	7
26.20	9.012	.2169	9.407	8.692	7
26.40	8.794	.2109	9.157	8.478	7
26.60	8.355	.2097	8.714	8.052	7
26.80	6.995	.0699	7.139	6.930	7
27.00	5.190	.2639	5.629	4.861	7
27.10	4.087	.2093	4.336	3.811	7
27.20	2.930	.2370	3.191	2.601	7
27.30	1.647	.2660	2.028	1.416	7
27.40	.151	.1976	.509	-0.043	7
27.50	-1.656	.2172	-1.291	-1.959	7
27.60	-3.350	n/a	n/a	n/a	1

ACC. POT.

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	12.441	.1825	12.598	12.241	3
25.60	12.176	.1955	12.406	11.889	5
25.80	11.873	.2550	12.200	11.424	7
26.00	11.657	.2432	11.981	11.233	7
26.20	11.422	.2318	11.736	11.028	7
26.40	11.166	.2171	11.449	10.810	7
26.60	10.876	.2014	11.119	10.562	7
26.80	10.487	.1852	10.686	10.210	7
27.00	9.871	.1480	10.017	9.661	7
27.10	9.455	.1182	9.569	9.298	7
27.20	8.941	.0897	9.034	8.824	7
27.30	8.315	.0580	8.362	8.233	7
27.40	7.538	.0179	7.556	7.508	7
27.50	6.567	.0108	6.583	6.556	7
27.60	5.372	n/a	n/a	n/a	1

OXYGEN

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	n/a	n/a	n/a	n/a	0
25.60	n/a	n/a	n/a	n/a	0
25.80	n/a	n/a	n/a	n/a	0
26.00	n/a	n/a	n/a	n/a	0
26.20	n/a	n/a	n/a	n/a	0
26.40	n/a	n/a	n/a	n/a	0
26.60	n/a	n/a	n/a	n/a	0
26.80	n/a	n/a	n/a	n/a	0
27.00	n/a	n/a	n/a	n/a	0
27.10	n/a	n/a	n/a	n/a	0
27.20	n/a	n/a	n/a	n/a	0
27.30	n/a	n/a	n/a	n/a	0
27.40	n/a	n/a	n/a	n/a	0
27.50	n/a	n/a	n/a	n/a	0
27.60	n/a	n/a	n/a	n/a	0

SOUND

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	1481	1.7	1483	1479	4
25.60	1477	2.6	1482	1474	8
25.80	1475	2.6	1480	1472	11
26.00	1475	2.2	1479	1473	11
26.20	1476	1.8	1478	1473	11
26.40	1476	1.6	1479	1474	11
26.60	1476	1.4	1478	1474	11
26.80	1474	1.4	1476	1472	11
27.00	1473	1.1	1475	1472	8
27.10	1475	1.0	1476	1473	7
27.20	1475	.8	1476	1474	7
27.30	1477	.8	1477	1475	7
27.40	1478	.5	1479	1478	7
27.50	1481	.4	1481	1480	7
27.60	1484	n/a	n/a	n/a	1

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TEMPERATURE

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	11.13	n/a	n/a	n/a	1
25.00	9.58	.396	9.86	9.30	2
25.20	8.84	.405	9.48	7.92	13
25.40	7.86	.296	8.31	7.10	25
25.60	7.07	.469	7.93	6.31	34
25.80	6.69	.534	7.62	5.73	34
26.00	6.51	.448	7.19	5.62	34
26.20	6.39	.405	7.06	5.55	34
26.40	6.30	.367	6.99	5.50	34
26.60	6.09	.315	6.67	5.30	34
26.80	5.13	.236	5.64	4.52	34
27.00	4.26	.151	4.49	3.96	31
27.10	3.99	.111	4.17	3.74	31
27.20	3.74	.070	3.83	3.52	31
27.30	3.44	.063	3.59	3.29	31
27.40	3.08	.056	3.21	2.94	31
27.50	2.67	.067	2.81	2.54	27
27.60	2.26	.072	2.39	2.18	7

SALINITY

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
32.479	n/a	n/a	n/a	1
32.393	.0808	32.450	32.336	2
32.490	.0789	32.617	32.314	13
32.561	.0527	32.642	32.433	25
32.676	.0802	32.825	32.547	34
32.865	.0888	33.022	32.707	34
33.092	.0728	33.201	32.945	34
33.325	.0674	33.450	33.189	34
33.562	.0607	33.688	33.435	34
33.781	.0499	33.876	33.660	34
33.887	.0344	33.962	33.801	34
34.018	.0205	34.049	33.977	31
34.108	.0144	34.133	34.076	31
34.201	.0088	34.213	34.174	31
34.290	.0077	34.308	34.272	31
34.374	.0069	34.388	34.357	31
34.454	.0072	34.468	34.438	27
34.537	.0065	34.548	34.530	7

DEPTH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	9	n/a	n/a	n/a	1
25.00	18	.7	18	17	2
25.20	29	11.6	45	10	13
25.40	55	18.4	86	15	25
25.60	83	21.7	124	16	34
25.80	104	11.0	132	85	34
26.00	116	9.9	139	100	34
26.20	128	9.8	146	112	34
26.40	144	10.4	163	122	34
26.60	173	12.9	197	146	34
26.80	264	19.5	304	227	34
27.00	423	29.1	468	366	31
27.10	528	33.4	583	450	31
27.20	648	33.2	706	583	31
27.30	795	33.5	855	722	31
27.40	983	29.5	1034	923	31
27.50	1242	45.2	1318	1147	27
27.60	1592	69.1	1667	1495	7

SVA

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
315.9	n/a	n/a	n/a	1
296.9	.09	297.0	296.9	2
278.1	.20	278.4	277.8	13
259.4	.28	259.9	258.8	25
240.7	.33	241.3	239.8	34
221.9	.21	222.4	221.5	34
203.0	.17	203.5	202.7	34
184.2	.17	184.6	183.9	34
165.5	.18	165.9	165.2	34
146.9	.20	147.2	146.5	34
128.5	.27	128.9	128.0	34
110.6	.36	111.2	109.8	31
101.7	.36	102.3	100.9	31
93.0	.30	93.4	92.4	31
84.2	.24	84.8	83.7	31
75.4	.16	75.8	75.2	31
66.6	.18	66.9	66.2	27
57.9	.25	58.2	57.5	7

THETA

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	11.13	n/a	n/a	n/a	1
25.00	9.58	.389	9.85	9.30	2
25.20	8.84	.405	9.48	7.92	13
25.40	7.86	.295	8.30	7.09	25
25.60	7.07	.468	7.92	6.30	34
25.80	6.68	.534	7.61	5.72	34
26.00	6.50	.447	7.18	5.61	34
26.20	6.38	.404	7.05	5.54	34
26.40	6.29	.366	6.97	5.49	34
26.60	6.08	.314	6.65	5.29	34
26.80	5.11	.237	5.62	4.50	34
27.00	4.23	.150	4.46	3.93	31
27.10	3.95	.110	4.13	3.70	31
27.20	3.69	.070	3.78	3.47	31
27.30	3.38	.063	3.53	3.23	31
27.40	3.01	.058	3.14	2.86	31
27.50	2.58	.068	2.73	2.45	27
27.60	2.15	.079	2.29	2.06	7

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
314.2	n/a	n/a	n/a	1
295.6	.08	295.6	295.6	2
277.4	.28	277.6	276.8	13
258.2	.43	258.6	257.1	25
239.3	.42	239.5	237.5	34
220.2	.28	220.5	219.2	34
201.0	.41	201.5	200.1	34
182.2	.37	182.5	180.7	34
163.3	.21	163.4	162.4	34
144.4	.04	144.5	144.3	34
125.4	.06	125.4	125.2	34
106.3	.10	106.4	106.1	31
96.7	.08	96.9	96.6	31
87.2	.07	87.3	87.1	31
77.7	.04	77.7	77.6	31
68.1	.06	68.2	68.0	31
58.5	.11	58.6	58.3	27
48.8	.20	49.1	48.6	7

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DELTA D

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	.280	n/a	n/a	n/a	1
25.00	.545	.0354	.570	.520	2
25.20	.819	.3383	1.300	.280	13
25.40	1.521	.5234	2.360	.400	25
25.60	2.194	.5934	3.250	.380	34
25.80	2.685	.3086	3.450	1.990	34
26.00	2.927	.2749	3.590	2.500	34
26.20	3.163	.2670	3.730	2.770	34
26.40	3.447	.2812	3.940	2.960	34
26.60	3.908	.3126	4.460	3.330	34
26.80	5.146	.3832	5.940	4.500	34
27.00	7.055	.4916	7.920	6.070	31
27.10	8.172	.5170	9.000	6.980	31
27.20	9.353	.5144	10.200	8.210	31
27.30	10.669	.5137	11.560	9.390	31
27.40	12.183	.4783	12.950	11.140	31
27.50	14.020	.5383	14.890	12.810	27
27.60	16.341	.7183	17.060	15.210	7

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
.01	n/a	n/a	n/a	1
.04	.007	.05	.04	2
.14	.092	.30	.01	13
.47	.275	1.02	.03	25
.98	.408	2.04	.03	34
1.41	.313	2.30	.86	34
1.68	.303	2.50	1.30	34
1.98	.311	2.70	1.54	34
2.37	.343	3.02	1.75	34
3.13	.440	3.89	2.26	34
5.91	.821	7.67	4.39	34
12.65	1.691	15.50	9.73	31
18.11	2.225	21.91	13.44	31
25.23	3.624	29.94	20.34	31
34.99	3.056	40.67	28.32	31
48.80	3.226	54.64	42.32	31
69.99	4.960	78.13	59.44	27
101.99	8.636	111.17	89.08	7

DELTA DH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	12.316	n/a	n/a	n/a	1
25.00	12.021	n/a	n/a	n/a	1
25.20	11.505	.4117	12.306	10.948	11
25.40	10.812	.5722	12.177	9.863	22
25.60	10.027	.4348	11.167	9.464	31
25.80	9.541	.1814	9.912	9.203	31
26.00	9.303	.1812	9.670	8.993	31
26.20	9.073	.1798	9.457	8.725	31
26.40	8.798	.1869	9.109	8.431	31
26.60	8.351	.2053	8.773	8.038	31
26.80	7.100	.1774	7.419	6.775	31
27.00	5.182	.2173	5.555	4.790	31
27.10	4.067	.2566	4.669	3.655	31
27.20	2.886	.2550	3.365	2.442	31
27.30	1.570	.2525	2.124	1.105	31
27.40	.056	.2228	.506	-0.334	31
27.50	-1.797	.3343	-1.104	-2.366	27
27.60	-3.972	.4626	-3.288	-4.477	7

ACC. POT.

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
12.589	n/a	n/a	n/a	1
12.563	n/a	n/a	n/a	1
12.345	.2323	12.665	11.909	11
12.282	.2410	12.673	11.818	22
12.062	.2514	12.480	11.511	31
11.880	.2275	12.248	11.423	31
11.670	.2145	11.999	11.233	31
11.440	.2032	11.765	11.014	31
11.185	.1923	11.508	10.769	31
10.895	.1839	11.211	10.486	31
10.509	.1691	10.801	10.136	31
9.900	.1346	10.136	9.611	31
9.481	.1089	9.667	9.240	31
8.962	.0793	9.097	8.787	31
8.328	.0481	8.417	8.222	31
7.540	.0175	7.574	7.511	31
6.554	.0266	6.605	6.486	27
5.346	.0414	5.437	5.311	7

OXYGEN

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	6.93	n/a	n/a	n/a	1
25.60	6.44	.007	6.45	6.44	2
25.80	5.97	.205	6.11	5.82	5
26.00	5.52	.424	5.82	5.22	5
26.20	4.98	.431	5.28	4.67	5
26.40	4.41	.311	4.63	4.19	5
26.60	3.87	.247	4.04	3.69	5
26.80	2.72	.587	3.13	2.30	5
27.00	1.20	.262	1.39	1.02	5
27.10	.92	.148	.83	.62	5
27.20	.46	.014	.47	.45	5
27.30	.38	.021	.39	.36	5
27.40	.40	.021	.42	.39	5
27.50	.60	.099	.67	.53	5
27.60	.94	.078	1.00	.89	2

SOUND

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
1491	n/a	n/a	n/a	1
1486	1.4	1487	1485	2
1483	1.6	1486	1480	13
1480	1.3	1482	1477	25
1478	2.1	1481	1474	34
1477	2.2	1480	1473	34
1477	1.9	1479	1473	34
1477	1.6	1479	1473	34
1477	1.6	1480	1474	34
1477	1.4	1479	1473	34
1474	1.1	1476	1472	34
1474	1.1	1475	1471	34
1474	.9	1476	1472	31
1475	.7	1476	1474	31
1477	.6	1478	1475	31
1478	.5	1479	1478	31
1481	.7	1482	1480	27
1485	1.0	1486	1484	7

STATION MP14 J U N E 1956 to 1990

TEMPERATURE

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	10.95	n/a	n/a	n/a	1
24.80	10.99	.649	11.76	9.84	8
25.00	9.85	.517	10.63	8.80	13
25.20	8.98	.461	9.51	7.93	15
25.40	7.77	.407	8.42	7.15	15
25.60	6.92	.424	7.69	6.44	15
25.80	6.52	.512	7.15	5.55	15
26.00	6.35	.520	7.59	5.47	15
26.20	6.32	.523	7.83	5.53	15
26.40	6.25	.480	7.62	5.53	15
26.60	6.03	.362	6.86	5.42	15
26.80	5.01	.224	5.32	4.66	14
27.00	4.23	.110	4.35	4.02	11
27.10	3.97	.081	4.09	3.86	11
27.20	3.71	.087	3.90	3.62	11
27.30	3.43	.067	3.55	3.31	11
27.40	3.11	.090	3.32	2.94	11
27.50	2.68	.077	2.76	2.51	10
27.60	2.43	n/a	n/a	n/a	1

SALINITY

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
32.184	n/a	n/a	n/a	1
32.439	.1445	32.608	32.188	8
32.466	.1059	32.615	32.249	13
32.504	.0891	32.623	32.328	15
32.547	.0772	32.663	32.439	15
32.651	.0743	32.780	32.565	15
32.837	.0849	32.959	32.682	15
33.072	.0839	33.274	32.935	15
33.313	.0868	33.572	33.194	15
33.554	.0802	33.790	33.443	15
33.771	.0583	33.909	33.676	15
33.869	.0326	33.916	33.819	14
34.013	.0152	34.028	33.986	11
34.105	.0108	34.120	34.091	11
34.198	.0101	34.222	34.186	11
34.289	.0089	34.303	34.274	11
34.376	.0099	34.390	34.357	11
34.454	.0089	34.464	34.436	10
34.555	n/a	n/a	n/a	1

DEPTH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	18	n/a	n/a	n/a	1
24.80	21	3.4	24	14	8
25.00	27	6.5	34	14	13
25.20	38	8.9	50	16	15
25.40	58	12.6	81	36	15
25.60	81	14.5	101	47	15
25.80	101	11.5	119	78	15
26.00	114	12.1	133	93	15
26.20	129	9.3	144	112	15
26.40	146	12.0	163	120	15
26.60	181	31.6	283	150	15
26.80	266	20.8	313	233	14
27.00	422	53.2	459	391	11
27.10	516	58.5	559	483	11
27.20	651	59.1	715	620	11
27.30	800	35.3	868	750	11
27.40	993	41.8	1075	942	11
27.50	1244	70.0	1394	1171	10
27.60	1409	n/a	n/a	n/a	1

SVA

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
335.0	n/a	n/a	n/a	1
316.1	.07	316.2	316.0	8
297.1	.12	297.3	296.9	13
278.2	.17	278.5	277.9	15
259.4	.19	259.8	259.1	15
240.6	.22	240.9	240.1	15
221.8	.17	222.1	221.5	15
203.0	.15	203.2	202.6	15
184.2	.13	184.6	183.8	15
165.5	.27	166.4	165.0	15
146.9	.55	148.7	146.4	15
128.5	.28	129.1	128.1	14
110.5	.24	110.9	110.0	11
101.7	.22	102.0	101.3	11
93.0	.24	93.3	92.6	11
84.2	.25	84.6	83.8	11
75.5	.23	75.9	75.1	11
66.6	.27	67.0	66.2	10
57.5	n/a	n/a	n/a	1

THETA

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	10.95	n/a	n/a	n/a	1
24.80	10.98	.648	11.76	9.84	8
25.00	9.94	.517	10.62	8.79	13
25.20	8.97	.458	9.51	7.93	15
25.40	7.76	.407	8.42	7.15	15
25.60	6.91	.422	7.68	6.43	15
25.80	6.51	.512	7.14	5.54	15
26.00	6.38	.520	7.58	5.46	15
26.20	6.31	.523	7.82	5.52	15
26.40	6.23	.481	7.61	5.51	15
26.60	6.01	.360	6.84	5.40	15
26.80	4.99	.223	5.30	4.64	14
27.00	4.20	.111	4.32	3.99	11
27.10	3.93	.081	4.05	3.82	11
27.20	3.66	.089	3.86	3.57	11
27.30	3.37	.068	3.49	3.25	11
27.40	3.04	.091	3.15	2.86	11
27.50	2.59	.078	2.68	2.42	10
27.60	2.34	n/a	n/a	n/a	1

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
333.0	n/a	n/a	n/a	1
315.0	1.03	315.6	312.5	8
296.0	.77	296.6	294.5	13
276.9	.77	277.6	274.7	15
258.0	.87	258.5	255.1	15
239.2	.46	239.5	237.9	15
220.2	.42	220.5	219.0	15
201.1	.37	201.5	200.5	15
182.2	.22	182.4	181.7	15
163.3	.14	163.4	163.0	15
144.3	.10	144.5	144.2	15
125.3	.08	125.4	125.1	14
106.3	.13	106.4	105.9	11
96.8	.06	96.8	96.6	11
87.2	.05	87.3	87.1	11
77.7	.03	77.7	77.6	11
68.1	.05	68.2	68.1	11
58.5	.07	58.6	58.4	10
48.9	n/a	n/a	n/a	1

STATION MP14 J U N E 1956 to 1990

DELTA D

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	.650	n/a	n/a	n/a	1
24.80	.704	.1103	.800	.450	8
25.00	.860	.2025	1.040	.430	13
25.20	1.163	.3779	1.520	.450	15
25.40	1.689	.3580	2.380	1.070	15
25.60	2.291	.4134	2.800	1.310	15
25.80	2.741	.2949	3.200	2.200	15
26.00	3.030	.2869	3.450	2.520	15
26.20	3.314	.2302	3.630	2.850	15
26.40	3.605	.2577	4.010	2.980	15
26.60	4.165	.5121	5.670	3.450	15
26.80	5.312	.3883	6.200	4.760	14
27.00	7.234	.4107	7.980	6.750	11
27.10	8.275	.4474	8.860	7.720	11
27.20	9.565	.4315	10.310	9.090	11
27.30	10.899	.4691	11.680	10.220	11
27.40	12.451	.5151	13.350	11.750	11
27.50	14.239	.7002	15.650	13.590	10
27.60	15.080	n/a	n/a	n/a	1

POT. ENERGY

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	.06	n/a	n/a	n/a	1
24.80	.08	.024	.10	.03	8
25.00	.12	.048	.18	.03	13
25.20	.25	.093	.38	.04	15
25.40	.50	.208	.94	.20	15
25.60	.93	.310	1.39	.30	15
25.80	1.34	.294	1.82	.81	15
26.00	1.67	.329	2.13	1.09	15
26.20	2.02	.283	2.38	1.52	15
26.40	2.43	.347	2.89	1.67	15
26.60	3.43	1.099	7.02	2.32	15
26.80	6.01	.900	8.13	4.69	14
27.00	12.64	1.387	15.15	11.07	11
27.10	17.68	1.870	20.35	15.47	11
27.20	25.43	2.272	30.13	23.04	11
27.30	35.38	3.063	41.25	31.33	11
27.40	49.69	4.173	57.96	44.66	11
27.50	70.43	7.663	87.06	63.03	10
27.60	82.91	n/a	n/a	n/a	1

DELTA DH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	11.732	.2065	11.992	11.459	7
25.00	11.515	.2680	11.945	11.235	10
25.20	11.179	.2800	11.673	10.781	11
25.40	10.627	.2535	11.049	10.370	11
25.60	10.029	.2745	10.804	9.816	11
25.80	9.605	.1440	9.820	9.349	11
26.00	9.310	.2089	9.590	8.871	11
26.20	9.047	.1684	9.305	8.667	11
26.40	8.774	.1675	8.975	8.420	11
26.60	8.301	.2153	8.628	7.936	11
26.80	7.039	.2388	7.395	6.599	11
27.00	5.197	.1891	5.446	4.820	11
27.10	4.156	.2226	4.464	3.863	11
27.20	2.866	.2168	3.126	2.385	11
27.30	1.532	.2654	1.896	1.017	11
27.40	-0.019	.3203	.362	-0.658	11
27.50	-1.821	.5255	-1.285	-2.952	10
27.60	-2.783	n/a	n/a	n/a	1

ACC. POT.

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	12.419	.2022	12.753	12.219	7
25.00	12.411	.2340	12.707	12.142	10
25.20	12.321	.2380	12.649	12.073	11
25.40	12.225	.2305	12.543	11.981	11
25.60	12.085	.2126	12.366	11.851	11
25.80	11.909	.1922	12.164	11.680	11
26.00	11.699	.1796	11.948	11.482	11
26.20	11.465	.1701	11.709	11.262	11
26.40	11.206	.1621	11.433	11.020	11
26.60	10.909	.1562	11.117	10.733	11
26.80	10.514	.1371	10.710	10.343	11
27.00	9.893	.1124	10.077	9.722	11
27.10	9.475	.0968	9.654	9.333	11
27.20	8.967	.0786	9.115	8.847	11
27.30	8.331	.0538	8.420	8.239	11
27.40	7.550	.0242	7.587	7.506	11
27.50	6.550	.0387	6.590	6.463	10
27.60	5.407	n/a	n/a	n/a	1

OXYGEN

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	n/a	n/a	n/a	n/a	0
25.60	n/a	n/a	n/a	n/a	0
25.80	n/a	n/a	n/a	n/a	0
26.00	n/a	n/a	n/a	n/a	0
26.20	n/a	n/a	n/a	n/a	0
26.40	n/a	n/a	n/a	n/a	0
26.60	n/a	n/a	n/a	n/a	0
26.80	n/a	n/a	n/a	n/a	0
27.00	n/a	n/a	n/a	n/a	0
27.10	n/a	n/a	n/a	n/a	0
27.20	n/a	n/a	n/a	n/a	0
27.30	n/a	n/a	n/a	n/a	0
27.40	n/a	n/a	n/a	n/a	0
27.50	n/a	n/a	n/a	n/a	0
27.60	n/a	n/a	n/a	n/a	0

SOUND

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	1491	n/a	n/a	n/a	1
24.80	1491	2.4	1494	1487	8
25.00	1487	1.9	1490	1483	13
25.20	1484	1.8	1486	1480	15
25.40	1480	1.8	1483	1477	15
25.60	1477	1.9	1480	1475	15
25.80	1476	2.1	1478	1472	15
26.00	1476	2.2	1481	1472	15
26.20	1476	2.2	1482	1473	15
26.40	1477	2.2	1483	1474	15
26.60	1477	1.9	1482	1474	15
26.80	1474	1.1	1476	1472	14
27.00	1473	.7	1474	1472	11
27.10	1474	.5	1475	1473	11
27.20	1475	.5	1476	1475	11
27.30	1477	.5	1477	1476	11
27.40	1479	.5	1479	1478	11
27.50	1481	1.1	1483	1480	10
27.60	1483	n/a	n/a	n/a	1

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TEMPERATURE

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	14.79	.375	15.05	14.52	2
24.20	13.96	.537	14.34	13.58	2
24.40	12.54	.655	13.42	12.04	4
24.60	11.85	.537	12.44	10.85	8
24.80	10.98	.465	11.48	9.86	11
25.00	9.96	.446	10.49	8.86	12
25.20	8.90	.420	9.34	7.98	12
25.40	7.84	.353	8.27	7.22	12
25.60	7.05	.418	7.86	6.44	12
25.80	6.74	.437	7.42	5.97	12
26.00	6.61	.458	7.65	5.96	12
26.20	6.52	.512	7.91	5.88	12
26.40	6.41	.452	7.60	5.79	12
26.60	6.12	.340	6.87	5.48	12
26.80	5.18	.221	5.61	4.72	12
27.00	4.39	.182	4.70	4.08	10
27.10	4.05	.168	4.39	3.78	9
27.20	3.75	.129	4.01	3.52	9
27.30	3.44	.136	3.68	3.18	9
27.40	3.09	.114	3.23	2.85	8
27.50	2.63	.094	2.72	2.42	8
27.60	2.25	n/a	n/a	n/a	1

SALINITY

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
32.354	.1018	32.426	32.282	2
32.393	.1373	32.490	32.296	2
32.284	.1639	32.506	32.159	4
32.409	.1345	32.555	32.180	8
32.444	.1012	32.557	32.196	11
32.480	.0809	32.576	32.279	12
32.517	.0672	32.595	32.374	12
32.567	.0606	32.652	32.455	12
32.672	.0709	32.814	32.566	12
32.876	.0723	32.987	32.752	12
33.109	.0783	33.290	33.002	12
33.347	.0861	33.587	33.250	12
33.583	.0765	33.786	33.480	12
33.787	.0549	33.910	33.686	12
33.894	.0328	33.959	33.830	12
34.035	.0251	34.077	33.994	10
34.116	.0218	34.161	34.081	9
34.204	.0159	34.237	34.175	9
34.291	.0159	34.319	34.260	9
34.375	.0137	34.392	34.347	8
34.450	.0100	34.458	34.426	8
34.538	n/a	n/a	n/a	1

DEPTH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	10	2.1	11	8	2
24.20	19	3.5	21	16	2
24.40	20	8.2	29	9	4
24.60	21	10.9	33	4	8
24.80	27	7.9	37	9	11
25.00	36	9.7	46	22	12
25.20	48	7.0	65	38	12
25.40	65	12.3	94	46	12
25.60	88	13.9	112	65	12
25.80	104	8.3	120	92	12
26.00	118	4.8	125	110	12
26.20	131	5.6	140	121	12
26.40	148	9.5	168	136	12
26.60	181	24.6	250	155	12
26.80	277	38.4	382	236	12
27.00	436	48.8	561	396	10
27.10	543	46.4	660	512	9
27.20	666	42.1	766	631	9
27.30	814	41.5	898	764	9
27.40	996	49.1	1094	950	8
27.50	1263	61.6	1358	1199	8
27.60	1622	n/a	n/a	n/a	1

SVA

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
392.2	.08	392.2	392.1	2
373.3	.17	373.4	373.2	2
354.3	.21	354.5	354.0	4
335.1	.26	335.5	334.8	8
316.2	.16	316.5	315.9	11
297.3	.14	297.5	297.1	12
278.4	.20	278.8	278.1	12
259.6	.24	260.1	259.2	12
240.8	.27	241.3	240.4	12
221.9	.16	222.3	221.7	12
203.1	.13	203.3	202.9	12
184.3	.19	184.8	184.1	12
165.6	.27	166.3	165.3	12
147.0	.44	148.3	146.7	12
128.7	.52	130.2	128.2	12
110.8	.61	112.4	110.3	10
102.0	.60	103.5	101.4	9
93.2	.50	94.4	92.7	9
84.4	.45	85.5	84.0	9
75.5	.47	76.6	75.1	8
66.6	.34	67.3	66.2	8
58.0	n/a	n/a	n/a	1

THETA

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	14.79	.375	15.05	14.52	2
24.20	13.95	.544	14.34	13.57	2
24.40	12.54	.655	13.42	12.04	4
24.60	11.84	.537	12.43	10.85	8
24.80	10.98	.467	11.48	9.85	11
25.00	9.96	.446	10.49	8.86	12
25.20	8.90	.418	9.33	7.98	12
25.40	7.84	.351	8.26	7.22	12
25.60	7.04	.418	7.85	6.43	12
25.80	6.73	.437	7.41	5.96	12
26.00	6.60	.458	7.64	5.95	12
26.20	6.51	.511	7.89	5.87	12
26.40	6.40	.449	7.58	5.78	12
26.60	6.11	.339	6.85	5.47	12
26.80	5.15	.218	5.57	4.70	12
27.00	4.36	.179	4.65	4.05	10
27.10	4.01	.166	4.34	3.74	9
27.20	3.70	.126	3.96	3.48	9
27.30	3.39	.134	3.61	3.12	9
27.40	3.02	.115	3.15	2.77	8
27.50	2.54	.094	2.63	2.33	8
27.60	2.14	n/a	n/a	n/a	1

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
391.6	.16	391.7	391.5	2
372.3	.57	372.7	371.9	2
353.6	.08	353.7	353.5	4
331.9	3.73	334.6	323.5	8
314.4	1.18	315.5	312.0	11
295.2	1.59	296.5	292.4	12
276.2	1.40	277.5	273.4	12
257.5	.86	258.5	256.0	12
239.1	.38	239.5	238.2	12
219.9	.45	220.4	218.8	12
201.0	.41	201.4	200.3	12
182.1	.29	182.4	181.6	12
163.2	.20	163.4	162.8	12
144.4	.06	144.4	144.2	12
125.3	.10	125.4	125.1	12
106.3	.13	106.4	106.0	10
96.7	.09	96.8	96.6	9
87.2	.07	87.3	87.1	9
77.7	.04	77.7	77.6	9
68.1	.08	68.2	67.9	8
58.5	.11	58.6	58.3	8
48.6	n/a	n/a	n/a	1

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DELTA D

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	.355	.0778	.420	.310	2
24.20	.332	.1202	.810	.640	2
24.40	.735	.3240	1.110	.320	4
24.60	.745	.4063	1.250	.150	8
24.80	.943	.3017	1.380	.300	11
25.00	1.205	.2398	1.580	.710	12
25.20	1.553	.3125	1.970	1.210	12
25.40	1.998	.3542	2.770	1.420	12
25.60	2.584	.4003	3.220	1.890	12
25.80	3.263	.2631	3.600	2.550	12
26.00	3.253	.1807	3.570	2.960	12
26.20	3.509	.1449	3.740	3.180	12
26.40	3.805	.1708	4.100	3.430	12
26.60	4.316	.3935	5.390	3.720	12
26.80	5.640	.6057	7.230	4.830	12
27.00	7.558	.7534	9.410	6.760	10
27.10	8.729	.7340	10.480	7.990	9
27.20	9.939	.7037	11.550	9.160	9
27.30	11.266	.6707	12.740	10.470	9
27.40	12.716	.7494	14.350	12.000	8
27.50	14.617	.8130	16.230	13.810	8
27.60	16.720	n/a	n/a	n/a	1

POT. ENERGY

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	.01	.007	.02	.01	2
24.20	.07	.028	.09	.05	2
24.40	.08	.061	.16	.01	4
24.60	.10	.074	.21	.00	8
24.80	.14	.070	.25	.01	11
25.00	.22	.076	.33	.08	12
25.20	.38	.108	.64	.23	12
25.40	.65	.244	1.28	.32	12
25.60	1.11	.342	1.76	.59	12
25.80	1.47	.249	1.97	1.12	12
26.00	1.80	.174	2.13	1.55	12
26.20	2.12	.155	2.35	1.81	12
26.40	2.55	.251	3.04	2.14	12
26.60	3.45	.814	5.80	2.58	12
26.80	6.61	1.812	11.76	4.79	12
27.00	13.60	3.286	22.25	11.05	10
27.10	19.43	3.781	29.00	16.78	9
27.20	26.91	4.023	36.78	23.66	9
27.30	37.01	4.343	47.02	32.66	9
27.40	50.64	5.799	63.49	46.21	8
27.50	72.76	7.724	87.15	65.31	8
27.60	104.85	n/a	n/a	n/a	1

DELTA DH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	12.425	.1740	12.548	12.302	2
24.20	12.066	.3755	12.331	11.800	2
24.40	12.164	.6491	12.796	11.499	3
24.60	11.946	.4791	12.647	11.361	6
24.80	11.705	.4209	12.507	11.231	8
25.00	11.385	.3878	12.333	11.028	9
25.20	11.068	.4427	12.155	10.721	9
25.40	10.598	.5524	11.989	10.036	9
25.60	9.969	.4961	11.243	9.581	9
25.80	9.671	.4561	10.870	9.403	9
26.00	9.422	.3926	10.455	9.201	9
26.20	9.189	.3175	10.005	8.984	9
26.40	8.896	.2148	9.427	8.731	9
26.60	8.383	.1333	8.602	8.137	9
26.80	7.000	.3361	7.435	6.295	9
27.00	5.060	.3988	5.424	4.121	9
27.10	3.955	.3643	4.211	3.044	9
27.20	2.748	.3209	3.003	1.982	9
27.30	1.419	.3127	1.810	.785	9
27.40	-0.048	.3833	.307	-0.823	8
27.50	-1.949	.4819	-1.424	-2.704	8
27.60	-4.170	n/a	n/a	n/a	1

ACC. POT.

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	12.788	.2560	12.969	12.607	2
24.20	12.760	.2581	12.942	12.577	2
24.40	12.984	.4974	13.515	12.529	3
24.60	12.723	.3958	13.472	12.444	6
24.80	12.668	.3417	13.421	12.395	8
25.00	12.550	.3604	13.362	12.126	9
25.20	12.467	.3620	13.290	12.051	9
25.40	12.359	.3659	13.207	11.946	9
25.60	12.205	.3698	13.092	11.818	9
25.80	12.018	.3731	12.934	11.654	9
26.00	11.808	.3768	12.745	11.454	9
26.20	11.575	.3751	12.515	11.235	9
26.40	11.319	.3652	12.235	10.992	9
26.60	11.021	.3376	11.866	10.721	9
26.80	10.619	.2789	11.313	10.378	9
27.00	9.981	.1969	10.473	9.825	9
27.10	9.543	.1579	9.935	9.424	9
27.20	9.009	.1141	9.283	8.912	9
27.30	8.352	.0783	8.535	8.272	9
27.40	7.548	.0395	7.635	7.509	8
27.50	6.544	.0461	6.600	6.455	8
27.60	5.351	n/a	n/a	n/a	1

OXYGEN

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	6.43	n/a	n/a	n/a	1
24.80	6.68	n/a	n/a	n/a	1
25.00	6.77	.002	6.77	6.77	2
25.20	6.79	.078	6.85	6.74	2
25.40	6.77	.163	6.88	6.65	2
25.60	6.49	.120	6.57	6.40	2
25.80	6.36	.735	6.88	5.84	2
26.00	5.64	.445	5.96	5.33	2
26.20	4.94	.134	5.04	4.85	2
26.40	4.42	.099	4.49	4.35	2
26.60	4.27	.156	4.38	4.16	2
26.80	2.79	.622	3.23	2.35	2
27.00	1.32	.021	1.34	1.31	2
27.10	.81	.028	.83	.79	2
27.20	.58	.042	.61	.55	2
27.30	.44	.035	.47	.42	2
27.40	.41	.057	.45	.37	2
27.50	.50	.120	.59	.42	2
27.60	n/a	n/a	n/a	n/a	0

SOUND

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	1504	1.4	1505	1503	2
24.20	1502	2.1	1503	1500	2
24.40	1496	2.9	1500	1494	4
24.60	1494	2.1	1496	1490	8
24.80	1491	1.8	1493	1487	11
25.00	1487	1.7	1489	1483	12
25.20	1484	1.9	1486	1480	12
25.40	1480	1.7	1482	1477	12
25.60	1478	1.8	1481	1475	12
25.80	1477	2.0	1480	1474	12
26.00	1477	1.9	1481	1474	12
26.20	1477	2.1	1483	1475	12
26.40	1477	2.1	1483	1475	12
26.60	1477	1.7	1481	1474	12
26.80	1475	1.2	1478	1473	12
27.00	1475	1.4	1478	1473	10
27.10	1475	1.4	1478	1473	9
27.20	1476	1.3	1479	1475	9
27.30	1477	.9	1479	1476	9
27.40	1479	1.1	1481	1478	8
27.50	1481	.9	1483	1480	8
27.60	1486	n/a	n/a	n/a	1

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TEMPERATURE

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	15.60	.332	15.98	15.37	3
23.80	15.37	.602	16.08	14.51	9
24.00	14.61	.533	15.21	13.64	15
24.20	13.92	.564	14.56	12.81	23
24.40	13.95	.509	13.69	11.94	24
24.60	12.00	.461	12.70	10.95	24
24.80	11.01	.399	11.62	10.06	24
25.00	10.01	.388	10.58	9.20	24
25.20	8.96	.366	9.49	8.12	24
25.40	7.98	.336	8.46	7.06	25
25.60	7.18	.415	7.74	6.40	24
25.80	6.71	.535	7.59	5.55	24
26.00	6.51	.492	7.43	5.30	24
26.20	6.37	.435	7.17	5.43	24
26.40	6.29	.384	6.99	5.[illegible]	24
26.60	6.06	.322	6.64	5.4[illegible]	24
26.80	5.07	.290	5.57	4.56	24
27.00	4.29	.154	4.56	4.01	20
27.10	4.00	.135	4.25	3.75	20
27.20	3.74	.107	3.94	3.56	20
27.30	3.44	.087	3.59	3.28	20
27.40	3.09	.090	3.28	2.90	20
27.50	2.67	.091	2.86	2.46	19
27.60	2.25	.128	2.43	2.12	5

SALINITY

MEAN	S.D.	MAX	MIN	N
32.068	.0878	32.169	32.009	3
32.285	.1644	32.492	32.049	9
32.338	.1334	32.507	32.109	15
32.410	.1376	32.580	32.103	23
32.424	.1262	32.580	32.139	24
32.445	.1158	32.580	32.173	24
32.473	.0990	32.586	32.231	24
32.501	.0861	32.606	32.303	24
32.530	.0802	32.636	32.349	24
32.587	.0636	32.676	32.421	25
32.697	.0737	32.802	32.559	24
32.871	.0893	33.019	32.680	24
33.093	.0804	33.244	32.898	24
33.321	.0706	33.454	33.173	24
33.560	.0623	33.676	33.438	24
33.776	.0512	33.871	33.686	24
33.879	.0421	33.951	33.806	24
34.022	.0205	34.059	33.984	20
34.110	.0175	34.143	34.076	20
34.202	.0134	34.228	34.180	20
34.291	.0110	34.309	34.271	20
34.375	.0103	34.397	34.353	20
34.454	.0099	34.473	34.431	19
34.536	.0125	34.553	34.525	5

DEPTH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	21	10.1	30	10	3
23.80	19	9.3	33	6	9
24.00	20	7.4	35	11	15
24.20	24	8.5	45	7	23
24.40	29	9.4	53	10	24
24.60	33	9.8	59	15	24
24.80	38	9.7	64	26	24
25.00	44	10.4	70	28	24
25.20	53	11.6	80	33	24
25.40	70	16.2	99	42	25
25.60	88	14.7	113	58	24
25.80	107	9.0	126	95	24
26.00	122	8.3	136	109	24
26.20	135	8.3	150	122	24
26.40	152	9.2	166	136	24
26.60	183	14.4	207	154	24
26.80	278	23.4	327	232	24
27.00	440	35.1	497	377	20
27.10	546	32.8	603	501	20
27.20	663	34.6	745	613	20
27.30	815	37.1	917	769	20
27.40	1002	52.3	1153	945	20
27.50	1251	54.7	1415	1161	19
27.60	1590	144.5	1753	1399	5

SVA

MEAN	S.D.	MAX	MIN	N
430.6	.19	430.8	430.4	3
411.4	.20	411.7	411.1	9
392.3	.18	392.6	392.0	15
373.3	.24	374.0	373.0	23
354.3	.24	355.0	354.0	24
335.3	.20	335.8	334.9	24
316.4	.21	316.8	315.9	24
297.4	.20	297.9	297.0	24
278.5	.21	279.0	278.1	24
259.6	.27	260.1	259.2	25
240.8	.23	241.2	240.3	24
221.9	.19	222.3	221.6	24
203.1	.16	203.4	202.8	24
184.3	.16	184.6	184.0	24
165.6	.18	166.0	165.2	24
147.0	.26	147.5	146.5	24
128.6	.35	129.3	128.0	24
110.7	.38	111.5	109.9	20
101.9	.33	102.5	101.2	20
93.1	.28	93.5	92.5	20
84.4	.22	84.7	83.9	20
75.6	.25	76.0	75.1	20
66.6	.17	66.8	66.2	19
57.8	.30	58.1	57.4	5

THETA

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	15.60	.334	15.98	15.37	3
23.80	15.37	.600	16.07	14.50	9
24.00	14.61	.533	15.21	13.63	15
24.20	13.91	.562	14.56	12.81	23
24.40	12.98	.511	13.69	11.93	24
24.60	11.99	.461	12.70	10.95	24
24.80	11.01	.399	11.62	10.06	24
25.00	10.00	.389	10.58	9.19	24
25.20	8.96	.366	9.49	8.12	24
25.40	7.97	.334	8.45	7.06	25
25.60	7.18	.415	7.73	6.39	24
25.80	6.70	.535	7.58	5.54	24
26.00	6.50	.491	7.42	5.29	24
26.20	6.35	.434	7.18	5.42	24
26.40	6.27	.383	6.97	5.55	24
26.60	6.04	.321	6.62	5.47	24
26.80	5.05	.289	5.54	4.54	24
27.00	4.25	.152	4.52	3.98	20
27.10	3.96	.134	4.21	3.71	20
27.20	3.69	.108	3.90	3.51	20
27.30	3.39	.089	3.54	3.21	20
27.40	3.02	.091	3.21	2.82	20
27.50	2.59	.093	2.77	2.36	19
27.60	2.15	.140	2.34	2.00	5

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
429.2	.58	429.9	428.8	3
408.8	2.35	411.0	404.8	9
389.3	2.65	391.8	383.1	15
370.3	2.30	372.7	363.6	23
351.4	2.21	353.6	345.9	24
331.8	2.38	334.7	327.4	24
312.8	2.43	315.6	308.4	24
294.3	1.71	296.5	291.0	24
276.3	1.32	277.5	273.4	24
257.6	.68	258.5	256.6	25
239.1	.44	239.5	238.2	24
220.1	.34	220.5	219.1	24
201.0	.40	201.4	200.2	24
182.2	.30	182.4	181.3	24
163.5	.16	163.8	162.9	24
144.3	.06	144.4	144.2	24
125.3	.13	125.4	124.8	24
106.2	.10	106.4	106.1	20
96.7	.08	96.8	96.6	20
87.2	.05	87.3	87.1	20
77.7	.05	77.7	77.6	20
68.1	.07	68.2	68.0	20
58.5	.11	58.6	58.3	19
48.8	.18	49.0	48.6	5

STATION MP14 A U G U S T 1956 to 1990

DELTA D

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	.907	.4583	1.330	.420	3
23.80	.628	.3660	1.430	.230	9
24.00	.849	.3764	1.530	.460	15
24.20	.963	.3592	1.640	.260	23
24.40	1.131	.3844	2.020	.370	24
24.60	1.283	.3880	2.220	.560	24
24.80	1.442	.3863	2.400	.920	24
25.00	1.631	.4061	2.580	1.040	24
25.20	1.893	.4435	2.870	1.160	24
25.40	2.352	.5441	3.340	1.400	25
25.60	2.789	.5037	3.740	1.640	24
25.80	3.280	.5748	4.050	2.640	24
26.00	3.538	.5548	4.250	3.160	24
26.20	3.816	.5715	4.430	3.350	24
26.40	4.116	.5014	4.660	3.570	24
26.60	4.600	.3556	5.200	3.900	24
26.80	5.896	.4579	6.790	4.930	24
27.00	7.857	.5709	8.700	6.680	20
27.10	8.986	.5753	9.940	7.930	20
27.20	10.146	.5751	11.140	9.060	20
27.30	11.506	.5715	12.530	10.590	20
27.40	13.016	.6733	14.460	11.850	20
27.50	14.766	.7197	16.340	13.380	19
27.60	17.024	.9282	18.070	15.750	5

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.11	.095	.21	.02	3
.10	.072	.24	.01	9
.10	.073	.27	.03	15
.13	.092	.36	.01	23
.18	.120	.54	.02	24
.23	.140	.66	.04	24
.29	.158	.77	.12	24
.37	.183	.89	.15	24
.50	.227	1.12	.18	24
.81	.351	1.54	.29	25
1.15	.393	1.98	.41	24
1.60	.390	2.36	1.16	24
1.96	.264	2.62	1.64	24
2.30	.284	2.88	1.91	24
2.74	.333	3.28	2.20	24
3.59	.503	4.48	2.70	24
6.66	1.026	8.99	4.83	24
13.84	1.959	17.34	10.20	20
19.56	2.379	23.46	16.11	20
26.76	2.565	33.10	22.46	20
37.10	3.541	46.34	32.34	20
51.25	5.474	66.94	44.79	20
71.86	7.406	91.76	61.36	19
103.41	16.078	123.13	83.50	5

DELTA DH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	12.270	.3176	12.556	11.928	3
23.80	12.193	.3513	12.569	11.822	9
24.00	12.172	.3931	12.741	11.727	15
24.20	11.999	.3729	12.343	11.451	19
24.40	11.739	.3330	12.196	11.105	20
24.60	11.586	.3462	12.071	10.936	20
24.80	11.422	.3571	11.942	10.788	20
25.00	11.231	.3663	11.745	10.481	20
25.20	10.873	.3676	11.526	10.249	20
25.40	10.352	.3544	11.223	9.514	20
25.60	10.079	.2726	10.661	9.511	20
25.80	9.669	.2249	10.027	9.199	20
26.00	9.380	.2519	9.782	8.905	20
26.20	9.114	.2159	9.484	8.701	20
26.40	8.805	.1739	9.195	8.475	20
26.60	8.333	.1452	8.745	8.060	20
26.80	7.025	.1853	7.306	6.489	20
27.00	5.061	.2517	5.574	4.564	20
27.10	3.932	.2480	4.295	3.552	20
27.20	2.772	.2578	3.148	2.175	20
27.30	1.412	.2832	1.756	.523	20
27.40	-0.097	.4113	.344	-1.312	20
27.50	-1.878	.4969	-1.165	-3.191	19
27.60	-3.982	.9807	-2.728	-5.140	5

ACC. POT.

MEAN	S.D.	MAX	MIN	N
13.162	.3859	13.505	12.744	3
13.115	.3512	13.457	12.719	9
13.019	.3245	13.399	12.688	12
12.836	.3206	13.331	12.184	19
12.799	.3100	13.255	12.169	20
12.738	.3011	13.170	12.146	20
12.668	.2945	13.076	12.104	20
12.588	.2891	12.967	12.049	20
12.495	.2842	12.866	11.983	20
12.378	.2736	12.743	11.907	20
12.229	.2593	12.583	11.779	20
12.044	.2457	12.389	11.588	20
11.829	.2404	12.174	11.379	20
11.590	.2358	11.938	11.153	20
11.323	.2268	11.672	10.906	20
11.016	.2134	11.372	10.637	20
10.611	.1848	10.952	10.294	20
9.975	.1403	10.254	9.747	20
9.538	.1139	9.789	9.366	20
9.003	.0826	9.192	8.866	20
8.354	.0514	8.467	8.265	20
7.551	.0224	7.592	7.510	20
6.547	.0530	6.598	6.360	19
5.303	.0936	5.386	5.164	5

OXYGEN

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	6.05	n/a	n/a	n/a	1
23.80	6.03	.233	6.19	5.86	2
24.00	6.19	.134	6.28	6.09	2
24.20	6.29	.051	6.33	6.23	3
24.40	6.38	.010	6.39	6.37	3
24.60	6.39	.131	6.51	6.25	3
24.80	6.41	.254	6.63	6.13	3
25.00	6.42	.361	6.72	6.02	3
25.20	6.44	.369	6.74	6.03	3
25.40	6.37	.496	6.76	5.81	3
25.60	6.14	.657	6.71	5.42	3
25.80	5.65	.465	6.03	5.13	3
26.00	5.40	.492	5.80	4.85	3
26.20	5.11	.466	5.53	4.61	3
26.40	4.73	.341	5.05	4.37	3
26.60	4.02	.338	4.39	3.73	3
26.80	2.64	.399	2.92	2.18	3
27.00	1.19	.166	1.34	1.01	3
27.10	.81	.081	.88	.72	3
27.20	.57	.020	.59	.55	3
27.30	.42	.069	.46	.34	3
27.40	.41	.053	.43	.35	3
27.50	.59	.057	.63	.53	3
27.60	1.06	.127	1.15	.97	2

SOUND

MEAN	S.D.	MAX	MIN	N
1506	1.0	1507	1505	3
1506	2.0	1508	1503	9
1503	1.8	1505	1500	15
1501	2.1	1504	1497	23
1498	1.8	1500	1494	24
1495	1.7	1497	1491	24
1492	1.5	1494	1488	24
1488	1.5	1490	1485	24
1484	1.5	1486	1481	24
1481	1.4	1483	1477	25
1478	1.8	1481	1475	24
1477	2.3	1480	1472	24
1477	2.0	1480	1472	24
1477	1.7	1480	1473	24
1477	1.7	1480	1474	24
1477	1.4	1479	1474	24
1474	1.4	1477	1472	24
1474	1.0	1476	1472	20
1475	.8	1476	1473	20
1476	.7	1476	1474	20
1477	.7	1478	1476	20
1479	.7	1480	1478	20
1481	.8	1483	1480	19
1485	1.6	1487	1483	5

STATION MP14 S E P T E M B E R 1956 to 1990

TEMPERATURE

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	16.79	n/a	n/a	n/a	1
23.80	15.61	.454	16.03	15.07	5
24.00	14.91	.401	15.51	14.03	12
24.20	14.07	.447	14.75	13.06	14
24.40	13.21	.438	14.00	12.16	17
24.60	12.35	.511	13.24	11.33	18
24.80	11.32	.507	12.22	10.54	18
25.00	10.25	.503	11.24	9.50	18
25.20	9.23	.492	10.41	8.56	18
25.40	8.17	.508	9.54	7.50	18
25.60	7.32	.349	8.02	6.79	18
25.80	6.83	.382	7.42	5.74	18
26.00	6.58	.366	7.20	5.50	18
26.20	6.43	.308	7.02	5.50	18
26.40	6.33	.283	6.86	5.50	18
26.60	6.13	.260	6.70	5.42	18
26.80	5.17	.226	5.67	4.78	18
27.00	4.27	.180	4.56	3.98	15
27.10	4.01	.144	4.27	3.76	15
27.20	3.77	.099	3.95	3.55	15
27.30	3.47	.078	3.64	3.30	15
27.40	3.11	.066	3.23	3.03	15
27.50	2.66	.056	2.75	2.58	14
27.60	2.27	.035	2.30	2.23	3

SALINITY

MEAN	S.D.	MAX	MIN	N
32.434	n/a	n/a	n/a	1
32.326	.1346	32.453	32.167	5
32.413	.0991	32.559	32.240	12
32.456	.0978	32.611	32.308	14
32.484	.0895	32.672	32.366	17
32.523	.1005	32.721	32.395	18
32.545	.0994	32.734	32.431	18
32.562	.0962	32.747	32.447	18
32.582	.1001	32.816	32.466	18
32.624	.0969	32.887	32.490	18
32.719	.0614	32.842	32.623	18
32.888	.0644	32.988	32.710	18
33.102	.0610	33.205	32.927	18
33.329	.0497	33.427	33.182	18
33.567	.0460	33.653	33.434	18
33.787	.0417	33.880	33.675	18
33.892	.0334	33.967	33.836	18
34.019	.0245	34.060	33.980	15
34.111	.0185	34.144	34.080	15
34.205	.0127	34.229	34.178	15
34.294	.0099	34.315	34.273	15
34.377	.0089	34.391	34.367	15
34.453	.0068	34.463	34.444	14
34.539	.0007	34.543	34.535	3

DEPTH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	13	n/a	n/a	n/a	1
23.80	21	7.3	30	12	5
24.00	26	4.8	33	20	12
24.20	26	9.2	39	0	14
24.40	31	5.7	46	25	17
24.60	34	6.1	51	26	18
24.80	38	6.6	57	31	18
25.00	42	6.9	62	33	18
25.20	49	7.5	67	35	18
25.40	64	12.0	86	40	18
25.60	84	14.1	108	60	18
25.80	103	10.1	121	88	18
26.00	118	8.0	134	102	18
26.20	133	8.1	148	116	18
26.40	152	10.1	173	135	18
26.60	186	11.6	217	168	18
26.80	278	17.0	300	241	18
27.00	438	17.9	474	397	15
27.10	538	17.6	568	498	15
27.20	659	19.4	685	622	15
27.30	808	22.9	845	761	15
27.40	994	28.5	1050	948	15
27.50	1259	36.7	1344	1206	14
27.60	1583	16.0	1598	1566	3

SVA

MEAN	S.D.	MAX	MIN	N
430.4	n/a	n/a	n/a	1
411.5	.22	411.8	411.3	5
392.5	.17	392.7	392.2	12
373.3	.29	373.8	372.8	14
354.4	.24	354.8	353.7	17
335.4	.25	335.8	334.6	18
316.3	.23	316.7	315.7	18
297.3	.17	297.6	296.9	18
278.4	.13	278.7	278.2	18
259.6	.20	260.0	259.2	18
240.7	.19	241.1	240.4	18
221.9	.17	222.2	221.5	18
203.1	.12	203.3	202.8	18
184.3	.11	184.5	184.1	18
165.6	.16	165.9	165.3	18
147.0	.20	147.5	146.6	18
128.7	.25	129.2	128.1	18
110.7	.28	111.1	110.1	15
101.9	.26	102.3	101.3	15
93.1	.24	93.5	92.6	15
84.4	.22	84.7	83.9	15
75.6	.17	75.8	75.3	15
66.6	.19	66.9	66.3	14
57.9	.21	58.1	57.7	3

THETA

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	16.79	n/a	n/a	n/a	1
23.80	15.60	.454	16.03	15.06	5
24.00	14.90	.401	15.50	14.02	12
24.20	14.06	.447	14.74	13.05	14
24.40	13.21	.438	14.00	12.16	17
24.60	12.35	.513	13.24	11.32	18
24.80	11.31	.509	12.22	10.53	18
25.00	10.25	.501	11.23	9.50	18
25.20	9.22	.492	10.40	8.56	18
25.40	8.17	.507	9.53	7.49	18
25.60	7.31	.349	8.01	6.78	18
25.80	6.82	.380	7.41	5.74	18
26.00	6.57	.366	7.19	5.49	18
26.20	6.42	.308	7.01	5.49	18
26.40	6.32	.283	6.84	5.48	18
26.60	6.11	.260	6.68	5.40	18
26.80	5.14	.225	5.64	4.76	18
27.00	4.23	.177	4.52	3.95	15
27.10	3.97	.143	4.23	3.72	15
27.20	3.72	.097	3.90	3.51	15
27.30	3.41	.077	3.58	3.24	15
27.40	3.04	.067	3.17	2.96	15
27.50	2.58	.057	2.67	2.49	14
27.60	2.16	.030	2.19	2.13	3

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
428.2	n/a	n/a	n/a	1
410.6	.28	410.9	410.3	5
389.7	2.16	391.4	384.8	12
369.8	3.20	372.8	361.2	14
351.2	3.23	353.7	340.1	17
332.5	3.35	334.7	321.3	18
313.7	3.34	315.6	304.4	18
293.7	2.77	296.5	288.5	18
276.4	1.58	277.5	271.1	18
257.9	.74	258.5	256.0	18
239.1	.32	239.5	238.6	18
220.2	.29	220.5	219.6	18
201.1	.38	201.5	200.1	18
182.3	.17	182.4	181.9	18
163.3	.13	163.4	163.1	18
144.4	.06	144.4	144.2	18
125.3	.07	125.4	125.2	18
106.2	.14	106.4	106.0	15
96.7	.09	96.8	96.6	15
87.2	.07	87.3	87.1	15
77.7	.04	77.7	77.6	15
68.1	.05	68.2	68.1	15
58.5	.13	58.6	58.2	14
48.7	.06	48.8	48.7	3

STATION MP14. S E P T E M B E R 1956 to 1990

DELTA D

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	.570	n/a	n/a	n/a	1
23.80	.878	.3075	1.260	.510	5
24.00	1.050	.2114	1.370	.820	12
24.20	1.067	.3818	1.610	.000	14
24.40	1.222	.2393	1.830	.990	17
24.60	1.334	.2526	2.040	1.060	18
24.80	1.453	.2635	2.210	1.120	18
25.00	1.589	.2747	2.380	1.190	18
25.20	1.774	.2832	2.530	1.260	18
25.40	2.176	.3811	2.830	1.380	18
25.60	2.684	.4188	3.370	2.030	18
25.80	3.128	.3216	3.700	2.680	18
26.00	3.454	.2645	3.940	3.010	18
26.20	3.733	.2518	4.200	3.270	18
26.40	4.069	.2720	4.640	3.590	18
26.60	4.598	.2844	5.320	4.100	18
26.80	5.867	.3173	6.440	5.250	18
27.00	7.763	.2982	8.320	7.110	15
27.10	8.833	.3022	9.340	8.200	15
27.20	10.021	.3228	10.560	9.400	15
27.30	11.352	.3349	11.900	10.640	15
27.40	12.854	.3648	13.280	12.140	15
27.50	14.759	.3811	15.430	13.990	14
27.60	16.907	.1002	17.020	16.830	3

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.04	n/a	n/a	n/a	1
.10	.067	.19	.03	5
.14	.055	.23	.09	12
.16	.082	.32	.00	14
.20	.080	.42	.13	17
.24	.094	.52	.15	18
.28	.108	.62	.17	18
.34	.122	.72	.20	18
.43	.139	.82	.22	18
.67	.230	1.10	.27	18
1.06	.346	1.67	.56	18
1.48	.303	1.99	1.05	18
1.84	.262	2.37	1.38	18
2.20	.268	2.75	1.67	18
2.69	.339	3.48	2.17	18
3.61	.438	4.84	2.96	18
6.63	.727	7.76	5.17	18
13.65	1.076	15.95	11.21	15
19.01	1.244	21.38	16.20	15
26.31	1.529	28.37	23.15	15
36.34	2.001	39.26	31.92	15
50.27	2.841	55.43	45.09	15
72.23	4.061	80.78	65.56	14
102.12	1.148	103.09	100.85	3

DELTA DH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	12.622	n/a	n/a	n/a	1
23.80	12.413	.1101	12.526	12.306	3
24.00	11.840	.2433	12.218	11.431	10
24.20	11.860	.4523	13.081	11.355	12
24.40	11.671	.2464	12.056	11.284	14
24.60	11.536	.2812	11.987	11.134	15
24.80	11.414	.2830	11.911	10.960	15
25.00	11.279	.2664	11.799	10.797	15
25.20	11.082	.2377	11.458	10.645	15
25.40	10.689	.2506	11.322	10.216	15
25.60	10.183	.2546	10.629	9.650	15
25.80	9.741	.1771	9.981	9.413	15
26.00	9.411	.1708	9.697	9.079	15
26.20	9.135	.1839	9.433	8.714	15
26.40	8.803	.1905	9.042	8.351	15
26.60	8.263	.1450	8.423	7.866	15
26.80	7.001	.1608	7.300	6.752	15
27.00	5.062	.1543	5.345	4.759	15
27.10	3.994	.1316	4.258	3.744	15
27.20	2.805	.1368	3.049	2.619	15
27.30	1.475	.1685	1.814	1.201	15
27.40	-0.028	.2183	.324	-0.461	15
27.50	-1.924	.2795	-1.534	-2.564	14
27.60	-3.954	.0979	-3.848	-4.041	3

ACC. POT.

MEAN	S.D.	MAX	MIN	N
13.176	n/a	n/a	n/a	1
13.075	.1361	13.167	12.919	3
12.792	.2074	13.115	12.439	10
12.787	.2144	13.081	12.388	12
12.731	.1972	13.031	12.334	14
12.657	.1958	12.976	12.275	15
12.590	.1958	12.918	12.207	15
12.515	.1950	12.855	12.134	15
12.431	.1924	12.778	12.058	15
12.329	.1850	12.671	11.969	15
12.191	.1658	12.495	11.862	15
12.017	.1473	12.282	11.731	15
11.807	.1394	12.045	11.523	15
11.573	.1345	11.790	11.278	15
11.309	.1328	11.515	10.998	15
11.002	.1276	11.192	10.683	15
10.592	.1060	10.737	10.311	15
9.953	.0812	10.063	9.749	15
9.519	.0697	9.620	9.348	15
8.996	.0580	9.074	8.862	15
8.552	.0385	8.408	8.263	15
7.554	.0175	7.580	7.524	15
6.550	.0228	6.584	6.507	14
5.306	.0358	5.345	5.275	3

OXYGEN

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	6.24	n/a	n/a	n/a	1
24.20	6.44	n/a	n/a	n/a	1
24.40	6.61	n/a	n/a	n/a	1
24.60	6.76	n/a	n/a	n/a	1
24.80	6.91	n/a	n/a	n/a	1
25.00	7.03	n/a	n/a	n/a	1
25.20	7.14	n/a	n/a	n/a	1
25.40	6.92	n/a	n/a	n/a	1
25.60	6.54	n/a	n/a	n/a	1
25.80	6.07	n/a	n/a	n/a	1
26.00	5.46	n/a	n/a	n/a	1
26.20	4.90	n/a	n/a	n/a	1
26.40	4.43	n/a	n/a	n/a	1
26.60	4.29	n/a	n/a	n/a	1
26.80	2.34	n/a	n/a	n/a	1
27.00	1.14	n/a	n/a	n/a	1
27.10	.74	n/a	n/a	n/a	1
27.20	.48	n/a	n/a	n/a	1
27.30	.36	n/a	n/a	n/a	1
27.40	.54	n/a	n/a	n/a	1
27.50	.57	n/a	n/a	n/a	1
27.60	.90	n/a	n/a	n/a	1

SOUND

MEAN	S.D.	MAX	MIN	N
1510	n/a	n/a	n/a	1
1507	1.5	1508	1505	5
1504	1.6	1506	1501	12
1502	1.6	1504	1498	14
1499	1.7	1502	1495	17
1496	1.7	1499	1493	18
1493	1.9	1496	1490	18
1489	1.9	1493	1486	18
1485	2.0	1490	1483	18
1482	2.1	1487	1479	18
1479	1.4	1481	1476	18
1477	1.7	1480	1472	18
1477	1.7	1479	1472	18
1477	1.3	1479	1473	18
1477	1.1	1479	1474	18
1477	1.1	1479	1474	18
1475	1.0	1477	1473	18
1474	.9	1475	1472	15
1475	.9	1476	1473	15
1476	.6	1477	1475	15
1477	.5	1478	1476	15
1479	.5	1479	1478	15
1481	.5	1482	1480	14
1485	.6	1486	1485	3

STATION MP14 O C T O B E R 1956 to 1990

TEMPERATURE

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	15.59	n/a	n/a	n/a	1
24.20	14.55	n/a	n/a	n/a	1
24.40	13.15	.342	13.65	12.75	5
24.60	12.16	.486	12.80	11.33	8
24.80	11.20	.453	11.77	10.56	8
25.00	10.16	.345	10.66	9.65	8
25.20	9.17	.268	9.63	8.75	8
25.40	8.20	.227	8.57	7.93	8
25.60	7.40	.330	7.77	6.89	8
25.80	6.95	.521	7.52	5.92	8
26.00	6.76	.487	7.32	5.81	8
26.20	6.64	.393	7.20	5.93	8
26.40	6.52	.304	7.00	6.08	8
26.60	6.26	.150	6.44	6.01	8
26.80	5.24	.281	5.82	4.91	8
27.00	4.33	.150	4.54	4.11	8
27.10	4.02	.109	4.17	3.87	8
27.20	3.75	.084	3.87	3.64	8
27.30	3.45	.062	3.53	3.36	8
27.40	3.10	.051	3.18	3.03	8
27.50	2.65	.079	2.76	2.55	7
27.60	2.21	.049	2.27	2.18	3

SALINITY

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
32.600	n/a	n/a	n/a	1
32.602	n/a	n/a	n/a	1
32.453	.1057	32.604	32.332	5
32.460	.1126	32.605	32.253	8
32.501	.0873	32.609	32.363	8
32.541	.0698	32.620	32.439	8
32.584	.0648	32.673	32.469	8
32.637	.0528	32.737	32.578	8
32.731	.0583	32.797	32.640	8
32.911	.0901	33.021	32.741	8
33.131	.0832	33.232	32.973	8
33.364	.0675	33.467	33.247	8
33.597	.0506	33.679	33.528	8
33.808	.0247	33.838	33.767	8
33.903	.0422	33.991	33.854	8
34.028	.0214	34.058	33.998	8
34.112	.0153	34.133	34.092	8
34.204	.0105	34.218	34.190	8
34.291	.0077	34.301	34.280	8
34.376	.0050	34.386	34.368	8
34.452	.0076	34.462	34.440	7
34.534	.0041	34.538	34.531	3

DEPTH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	31	n/a	n/a	n/a	1
24.20	36	n/a	n/a	n/a	1
24.40	33	10.8	42	15	5
24.60	41	14.3	53	8	8
24.80	50	6.5	59	38	8
25.00	54	7.3	64	41	8
25.20	60	7.8	71	44	8
25.40	70	10.5	86	49	8
25.60	85	12.0	105	72	8
25.80	105	10.4	120	83	8
26.00	118	11.1	131	94	8
26.20	132	10.8	144	108	8
26.40	149	11.3	163	125	8
26.60	180	10.9	196	159	8
26.80	288	30.6	316	231	8
27.00	460	34.6	503	415	8
27.10	560	31.0	595	510	8
27.20	677	29.3	714	634	8
27.30	817	30.1	857	785	8
27.40	1003	40.7	1058	945	8
27.50	1255	63.0	1337	1171	7
27.60	1613	67.4	1668	1538	3

SVA

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
392.7	n/a	n/a	n/a	1
373.6	n/a	n/a	n/a	1
354.5	.27	354.8	354.1	5
335.6	.33	335.9	334.9	8
316.6	.16	316.9	316.4	8
297.5	.16	297.8	297.3	8
278.5	.20	278.8	278.3	8
259.6	.20	259.9	259.4	8
240.8	.19	241.0	240.5	8
221.9	.18	222.2	221.7	8
203.1	.13	203.3	202.9	8
184.3	.14	184.5	184.1	8
165.6	.13	165.8	165.4	8
147.0	.18	147.3	146.8	8
128.9	.29	129.3	128.4	8
110.9	.30	111.4	110.5	8
102.1	.23	102.3	101.7	8
93.3	.23	93.7	93.0	8
84.4	.20	84.7	84.1	8
75.6	.19	75.9	75.4	8
66.6	.12	66.7	66.4	7
57.8	.21	58.0	57.6	3

THETA

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	15.59	n/a	n/a	n/a	1
24.20	14.55	n/a	n/a	n/a	1
24.40	13.15	.338	13.64	12.75	5
24.60	12.16	.485	12.79	11.33	8
24.80	11.19	.452	11.76	10.55	8
25.00	10.16	.345	10.65	9.65	8
25.20	9.16	.268	9.62	8.74	8
25.40	8.19	.226	8.56	7.92	8
25.60	7.39	.326	7.76	6.89	8
25.80	6.94	.521	7.51	5.91	8
26.00	6.75	.488	7.32	5.80	8
26.20	6.63	.392	7.19	5.92	8
26.40	6.50	.305	6.99	6.07	8
26.60	6.25	.149	6.42	6.00	8
26.80	5.42	.281	5.80	4.89	8
27.00	4.30	.150	4.51	4.08	8
27.10	3.98	.112	4.13	3.83	8
27.20	3.71	.084	3.82	3.60	8
27.30	3.39	.064	3.48	3.30	8
27.40	3.03	.054	3.11	2.96	8
27.50	2.56	.081	2.67	2.46	7
27.60	2.11	.055	2.17	2.07	3

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
390.1	n/a	n/a	n/a	1
368.6	n/a	n/a	n/a	1
352.4	1.47	353.8	350.6	5
333.7	1.17	334.6	331.6	8
313.8	1.89	315.6	310.9	8
293.8	2.53	296.3	289.7	8
275.1	1.76	277.5	270.9	8
257.1	1.77	258.5	254.2	8
239.3	.24	239.5	238.8	8
220.1	.42	220.4	219.3	8
201.2	.21	201.4	200.9	8
182.5	.23	182.4	181.8	8
163.3	.11	163.4	163.2	8
144.4	.04	144.4	144.3	8
125.3	.09	125.4	125.1	8
106.2	.10	106.3	106.0	8
96.7	.09	96.8	96.6	8
87.2	.07	87.3	87.1	8
77.7	.01	77.7	77.7	8
68.1	.06	68.2	68.0	8
58.5	.09	58.6	58.4	7
48.7	.17	48.9	48.6	3

STATION MP14 O C T O B E R 1956 to 1998

DELTA D

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	1.260	n/a	n/a	n/a	1
24.20	1.440	n/a	n/a	n/a	1
24.40	1.232	.4360	1.610	.530	5
24.60	1.482	.5201	1.900	.286	8
24.80	1.792	.2144	2.080	1.380	8
25.00	1.916	.2462	2.250	1.456	8
25.20	2.085	.2592	2.430	1.530	8
25.40	2.341	.3247	2.850	1.680	8
25.60	2.736	.3518	3.330	2.370	8
25.80	3.190	.2842	3.590	2.630	8
26.00	3.482	.2922	3.830	2.880	8
26.20	3.743	.2866	4.070	3.150	8
26.40	4.049	.2873	4.410	3.450	8
26.60	4.530	.2757	4.920	3.970	8
26.80	6.011	.5147	6.560	4.970	8
27.00	8.085	.5322	8.820	7.190	8
27.10	9.166	.4900	9.820	8.210	8
27.20	10.313	.4588	10.800	9.430	8
27.30	11.566	.4487	12.010	10.780	8
27.40	13.057	.5235	13.690	12.270	8
27.50	14.906	.6656	15.710	14.010	7
27.60	17.300	.5981	17.670	16.610	3

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
.20	n/a	n/a	n/a	1
.26	n/a	n/a	n/a	1
.33	.122	.54	.04	5
.34	.160	.52	.01	8
.46	.108	.62	.27	8
.53	.133	.73	.30	8
.63	.149	.85	.33	8
.81	.217	1.19	.40	8
1.12	.288	1.58	.84	8
1.56	.272	2.00	1.04	8
1.89	.299	2.31	1.27	8
2.23	.324	2.65	1.55	8
2.67	.362	3.17	1.90	8
3.49	.407	4.12	2.67	8
7.08	1.278	8.39	4.66	8
15.02	2.205	17.83	11.99	8
20.67	2.333	23.49	16.79	8
27.94	2.473	30.80	23.99	8
37.56	2.840	41.13	33.83	8
51.62	4.196	57.21	45.99	8
72.88	6.966	81.99	63.79	7
106.20	7.841	112.13	97.31	3

DELTA DH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	11.878	n/a	n/a	n/a	1
24.20	11.697	n/a	n/a	n/a	1
24.40	11.870	.3487	12.367	11.526	5
24.60	11.487	.6289	12.725	10.692	8
24.80	11.178	.4011	11.677	10.547	8
25.00	11.055	.4230	11.566	10.408	8
25.20	10.886	.4034	11.456	10.276	8
25.40	10.628	.4040	11.309	10.049	8
25.60	10.235	.2978	10.617	9.739	8
25.80	9.780	.1840	9.980	9.507	8
26.00	9.488	.1686	9.706	9.226	8
26.20	9.230	.1796	9.497	8.934	8
26.40	8.932	.1403	9.108	8.690	8
26.60	8.438	.1054	8.626	8.321	8
26.80	6.958	.2551	7.456	6.752	8
27.00	4.885	.3110	5.237	4.394	8
27.10	3.803	.2525	4.219	3.506	8
27.20	2.657	.2149	2.993	2.374	8
27.30	1.404	.2232	1.644	1.095	8
27.40	-0.097	.3135	.345	-0.526	8
27.50	-1.913	.4748	-1.290	-2.540	7
27.60	-4.143	.4844	-3.602	-4.536	3

ACC. POT.

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
13.115	n/a	n/a	n/a	1
13.051	n/a	n/a	n/a	1
13.045	.1529	13.284	12.894	5
12.867	.2500	13.213	12.363	8
12.773	.2554	13.130	12.263	8
12.673	.2622	13.039	12.155	8
12.566	.2699	12.941	12.039	8
12.444	.2742	12.814	11.915	8
12.297	.2692	12.635	11.784	8
12.117	.2560	12.421	11.638	8
11.906	.2405	12.183	11.471	8
11.670	.2258	11.922	11.280	8
11.407	.2133	11.637	11.062	8
11.105	.1965	11.308	10.803	8
10.700	.1698	10.873	10.443	8
10.026	.1211	10.159	9.859	8
9.570	.0976	9.689	9.445	8
9.021	.0768	9.133	8.924	8
8.361	.0496	8.431	8.292	8
7.556	.0154	7.582	7.536	8
6.533	.0378	6.577	6.470	7
5.291	.0546	5.354	5.254	3

OXYGEN

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	n/a	n/a	n/a	n/a	0
25.60	n/a	n/a	n/a	n/a	0
25.80	n/a	n/a	n/a	n/a	0
26.00	n/a	n/a	n/a	n/a	0
26.20	n/a	n/a	n/a	n/a	0
26.40	n/a	n/a	n/a	n/a	0
26.60	n/a	n/a	n/a	n/a	0
26.80	n/a	n/a	n/a	n/a	0
27.00	n/a	n/a	n/a	n/a	0
27.10	n/a	n/a	n/a	n/a	0
27.20	n/a	n/a	n/a	n/a	0
27.30	n/a	n/a	n/a	n/a	0
27.40	n/a	n/a	n/a	n/a	0
27.50	n/a	n/a	n/a	n/a	0
27.60	n/a	n/a	n/a	n/a	0

SOUND

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
1507	n/a	n/a	n/a	1
1504	n/a	n/a	n/a	1
1499	1.5	1501	1497	5
1496	1.9	1498	1492	8
1492	1.6	1494	1490	8
1489	1.4	1491	1487	8
1485	1.0	1487	1484	8
1482	.9	1483	1481	8
1479	1.3	1480	1477	8
1476	2.4	1480	1473	8
1478	1.9	1480	1474	8
1478	1.7	1480	1475	8
1478	1.2	1479	1476	8
1477	.7	1478	1476	8
1475	1.0	1477	1474	8
1474	.7	1475	1473	8
1475	.5	1476	1474	8
1476	.6	1477	1475	8
1477	.5	1478	1476	8
1479	.7	1480	1478	8
1481	.7	1482	1480	7
1485	1.2	1486	1484	3

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TEMPERATURE

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	10.58	.269	10.77	10.39	2
25.00	9.76	.260	10.05	9.35	8
25.20	8.90	.356	9.40	8.31	8
25.40	8.10	.435	8.65	7.39	8
25.60	7.45	.444	8.11	7.03	8
25.80	7.15	.366	7.68	6.66	8
26.00	7.04	.332	7.37	6.53	8
26.20	6.94	.332	7.21	6.40	8
26.40	6.76	.288	7.01	6.29	8
26.60	6.38	.221	6.59	6.02	8
26.80	5.35	.142	5.59	5.13	8
27.00	4.41	.097	4.54	4.26	8
27.10	4.07	.068	4.21	3.99	8
27.20	3.79	.079	3.96	3.72	8
27.30	3.49	.092	3.67	3.38	8
27.40	3.11	.074	3.26	3.05	8
27.50	2.67	.074	2.82	2.61	7
27.60	2.19	.008	2.20	2.18	4

SALINITY

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
32.349	.0626	32.393	32.304	2
32.429	.0521	32.480	32.351	8
32.515	.0734	32.604	32.385	8
32.609	.0813	32.707	32.473	8
32.748	.0858	32.881	32.664	8
32.947	.0644	33.051	32.862	8
33.181	.0552	33.237	33.095	8
33.416	.0571	33.461	33.325	8
33.638	.0493	33.680	33.558	8
33.828	.0364	33.862	33.768	8
33.918	.0208	33.955	33.887	8
34.038	.0136	34.055	34.018	8
34.119	.0093	34.137	34.108	8
34.209	.0102	34.231	34.200	8
34.297	.0109	34.319	34.283	8
34.376	.0085	34.394	34.369	8
34.455	.0076	34.469	34.448	7
34.530	.0000	34.532	34.528	4

DEPTH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	42	14.6	62	31	2
25.00	59	13.3	83	39	8
25.20	68	12.2	89	46	8
25.40	75	10.9	94	55	8
25.60	87	7.4	101	76	8
25.80	100	8.2	113	88	8
26.00	110	8.6	126	99	8
26.20	123	12.0	150	112	8
26.40	143	16.6	182	129	8
26.60	179	23.3	233	163	8
26.80	275	23.5	315	240	8
27.00	435	25.5	460	380	8
27.10	544	16.3	563	516	8
27.20	660	12.7	678	641	8
27.30	803	17.4	825	785	8
27.40	992	20.6	1020	959	8
27.50	1232	37.4	1279	1171	7
27.60	1626	25.9	1658	1596	4

SVA

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
316.5	.28	316.7	316.3	2
297.7	.27	298.2	297.3	8
278.7	.19	279.0	278.4	8
259.7	.15	259.9	259.4	8
240.8	.10	240.9	240.6	8
221.9	.10	222.1	221.8	8
203.1	.13	203.3	202.9	8
184.3	.19	184.7	184.1	8
165.6	.26	166.2	165.4	8
147.0	.35	147.8	146.7	8
128.8	.33	129.4	128.4	8
110.8	.27	111.1	110.3	8
102.0	.14	102.2	101.8	8
93.2	.15	93.5	93.0	8
84.4	.15	84.7	84.2	8
75.6	.11	75.8	75.5	8
66.6	.17	66.8	66.3	7
57.8	.15	57.9	57.6	4

THETA

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	10.57	.269	10.76	10.38	2
25.00	9.75	.258	10.04	9.35	8
25.20	8.90	.357	9.40	8.30	8
25.40	8.09	.435	8.64	7.38	8
25.60	7.45	.448	8.11	7.02	8
25.80	7.14	.366	7.67	6.65	8
26.00	7.02	.332	7.36	6.52	8
26.20	6.93	.331	7.20	6.39	8
26.40	6.75	.288	7.00	6.28	8
26.60	6.37	.221	6.58	6.00	8
26.80	5.32	.142	5.57	5.11	8
27.00	4.38	.098	4.51	4.23	8
27.10	4.03	.068	4.17	3.95	8
27.20	3.75	.079	3.91	3.67	8
27.30	3.43	.096	3.62	3.32	8
27.40	3.04	.074	3.19	2.98	8
27.50	2.59	.075	2.73	2.52	7
27.60	2.08	.008	2.09	2.07	4

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
314.8	.22	314.9	314.6	2
295.7	1.01	296.6	293.7	8
276.3	.96	277.3	275.1	8
257.8	.66	258.5	256.5	8
238.8	.72	239.5	237.7	8
220.0	.49	220.4	219.1	8
201.0	.38	201.4	200.4	8
182.2	.32	182.4	181.5	8
163.3	.13	163.4	163.1	8
144.3	.08	144.4	144.2	8
125.3	.05	125.4	125.3	8
106.4	.10	106.3	106.0	8
96.7	.08	96.8	96.6	8
87.2	.07	87.3	87.1	8
77.7	.05	77.7	77.6	8
68.1	.04	68.1	68.0	8
58.5	.11	58.6	58.3	7
48.8	.10	48.9	48.7	4

STATION MP14 NOVEMBER 1956 to 1998

DELTA D

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	1.365	.4879	1.710	1.020	2
25.00	1.838	.3983	2.520	1.270	8
25.20	2.078	.3642	2.700	1.470	8
25.40	2.281	.3346	2.850	1.700	8
25.60	2.579	.2403	3.010	2.230	8
25.80	2.875	.2547	3.230	2.500	8
26.00	3.097	.2512	3.500	2.740	8
26.20	3.347	.3022	3.970	3.030	8
26.40	3.689	.3691	4.520	3.290	8
26.60	4.261	.4473	5.350	3.920	8
26.80	5.582	.4027	6.450	5.100	8
27.00	7.500	.3685	8.100	6.790	8
27.10	8.670	.2778	9.150	8.240	8
27.20	9.811	.2619	10.280	9.470	8
27.30	11.099	.2634	11.420	10.760	8
27.40	12.618	.2553	12.880	12.160	8
27.50	14.343	.3635	14.780	13.710	7
27.60	16.825	.2840	17.150	16.470	4

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
.30	.205	.45	.16	2
.58	.258	1.07	.25	8
.73	.256	1.22	.34	8
.88	.259	1.37	.46	8
1.12	.210	1.52	.81	8
1.40	.249	1.77	1.05	8
1.65	.272	2.11	1.27	8
1.95	.380	2.77	1.59	8
2.42	.546	3.70	1.92	8
3.38	.851	5.42	2.83	8
6.46	1.063	8.58	5.10	8
13.42	1.470	15.03	10.45	8
19.26	1.244	20.66	17.14	8
26.32	1.177	27.83	24.44	8
35.99	1.453	37.67	33.96	8
50.01	1.939	52.81	46.41	8
69.68	3.750	74.23	63.36	7
106.33	3.246	110.07	102.64	4

DELTA DH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	11.184	.3847	11.456	10.912	2
25.00	10.771	.3963	11.204	10.179	8
25.20	10.532	.3402	11.004	10.006	8
25.40	10.327	.3192	10.776	9.846	8
25.60	10.031	.2446	10.338	9.694	8
25.80	9.733	.2013	9.989	9.428	8
26.00	9.511	.1865	9.758	9.238	8
26.20	9.262	.1816	9.505	9.061	8
26.40	8.920	.2127	9.178	8.515	8
26.60	8.347	.2695	8.546	7.706	8
26.80	7.024	.2332	7.300	6.579	8
27.00	5.108	.2430	5.612	4.861	8
27.10	3.939	.1392	4.156	3.781	8
27.20	2.796	.0940	2.927	2.656	8
27.30	1.509	.1307	1.654	1.341	8
27.40	-0.010	.1562	.240	-0.223	6
27.50	-1.732	.2690	-1.307	-2.073	7
27.60	-4.220	.1909	-4.001	-4.448	4

ACC. POT.

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
12.504	.0764	12.558	12.450	2
12.546	.2104	12.969	12.325	8
12.423	.2036	12.839	12.187	8
12.288	.1970	12.693	12.044	8
12.134	.1944	12.532	11.882	8
11.957	.1900	12.337	11.699	8
11.759	.1838	12.113	11.497	8
11.540	.1741	11.858	11.281	8
11.293	.1605	11.556	11.036	8
10.999	.1352	11.176	10.756	8
10.599	.0986	10.712	10.403	8
9.961	.0638	10.041	9.839	8
9.527	.0435	9.581	9.451	8
8.995	.0335	9.026	8.939	8
8.350	.0207	8.368	8.311	8
7.553	.0102	7.575	7.543	8
6.548	.0213	6.595	6.533	7
5.277	.0226	5.306	5.252	4

OXYGEN

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	6.36	n/a	n/a	n/a	1
25.00	6.34	.142	6.47	6.19	3
25.20	6.20	.166	6.38	6.05	3
25.40	6.06	.212	6.29	5.87	3
25.60	5.81	.350	6.21	5.55	3
25.80	5.48	.396	5.86	5.07	3
26.00	5.00	.449	5.48	4.59	3
26.20	4.47	.454	4.97	4.08	3
26.40	4.05	.340	4.39	3.71	3
26.60	3.60	.145	3.74	3.45	3
26.80	2.47	.322	2.83	2.21	3
27.00	1.08	.035	1.10	1.04	3
27.10	.78	.035	.81	.74	3
27.20	.56	.061	.63	.52	3
27.30	.41	.074	.49	.35	3
27.40	.39	.064	.44	.32	3
27.50	.53	.036	.56	.49	3
27.60	.98	.074	1.04	.90	3

SOUND

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
1490	1.4	1491	1489	2
1487	1.2	1488	1485	8
1484	1.5	1486	1482	8
1482	1.6	1484	1479	8
1480	1.9	1482	1478	8
1479	1.4	1481	1477	8
1479	1.2	1480	1477	8
1479	1.2	1480	1477	8
1479	1.1	1480	1477	8
1478	1.2	1479	1476	8
1476	.9	1477	1474	8
1474	.7	1475	1473	8
1475	.4	1476	1475	8
1476	.5	1477	1475	8
1477	.4	1478	1477	8
1479	.5	1479	1478	8
1481	.4	1481	1480	7
1486	.6	1486	1485	4

STATION MP14 D E C E M B E R 1956 to 1990

TEMPERATURE

SIGMA -T	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	10.09	.641	10.75	9.47	3
25.20	9.25	.604	10.80	8.64	12
25.40	8.48	.510	9.71	7.86	14
25.60	7.71	.562	8.61	6.88	14
25.80	7.06	.655	7.95	5.72	14
26.00	6.78	.625	7.62	5.53	14
26.20	6.66	.509	7.36	5.67	14
26.40	6.55	.465	7.13	5.71	14
26.60	6.25	.398	6.74	5.56	14
26.80	5.22	.285	5.62	4.76	14
27.00	4.30	.178	4.54	4.01	12
27.10	4.03	.136	4.21	3.77	12
27.20	3.76	.106	3.90	3.59	12
27.30	3.48	.083	3.61	3.37	12
27.40	3.10	.058	3.19	3.03	12
27.50	2.65	.048	2.72	2.58	10
27.60	2.18	.059	2.25	2.13	4

SALINITY

SIGMA -T	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	32.491	.1376	32.632	32.357	3
25.20	32.581	.1228	32.901	32.473	12
25.40	32.688	.0976	32.927	32.580	14
25.60	32.796	.1032	32.955	32.638	14
25.80	32.932	.1137	33.108	32.706	14
26.00	33.135	.1051	33.278	32.930	14
26.20	33.369	.0861	33.498	33.207	14
26.40	33.603	.0768	33.705	33.466	14
26.60	33.807	.0646	33.889	33.696	14
26.80	33.900	.0420	33.960	33.833	14
27.00	34.024	.0243	34.055	33.984	12
27.10	34.113	.0179	34.138	34.080	12
27.20	34.204	.0138	34.221	34.182	12
27.30	34.295	.0101	34.312	34.285	12
27.40	34.376	.0064	34.387	34.369	12
27.50	34.452	.0063	34.459	34.445	10
27.60	34.531	.0074	34.538	34.525	4

DEPTH

SIGMA -T	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	60	8.5	68	51	3
25.20	65	11.8	85	49	12
25.40	75	11.3	97	58	14
25.60	83	12.0	104	61	14
25.80	95	13.6	113	70	14
26.00	113	16.1	137	87	14
26.20	127	17.9	159	97	14
26.40	147	17.3	181	120	14
26.60	180	14.1	206	152	14
26.80	277	21.2	312	243	14
27.00	439	35.5	518	390	12
27.10	539	30.6	595	491	12
27.20	660	27.3	708	610	12
27.30	810	26.9	853	769	12
27.40	1007	35.9	1088	945	12
27.50	1263	49.9	1354	1182	10
27.60	1688	35.9	1726	1650	4

SVA

SIGMA -T	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	297.8	.18	297.9	297.6	3
25.20	278.7	.28	279.4	278.4	12
25.40	259.8	.22	260.2	259.4	14
25.60	240.8	.19	241.1	240.5	14
25.80	221.6	.16	222.1	221.6	14
26.00	203.1	.16	203.3	202.8	14
26.20	184.3	.17	184.6	184.0	14
26.40	165.6	.15	165.8	165.4	14
26.60	147.0	.18	147.4	146.7	14
26.80	128.7	.27	129.3	128.3	14
27.00	110.7	.36	111.3	110.1	12
27.10	101.9	.33	102.5	101.3	12
27.20	93.1	.28	93.7	92.8	12
27.30	84.4	.24	84.9	84.0	12
27.40	75.6	.21	76.1	75.4	12
27.50	66.7	.19	67.1	66.4	10
27.60	58.1	.17	58.3	57.9	4

THETA

SIGMA -T	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	10.08	.641	10.74	9.46	3
25.20	9.24	.604	10.79	8.63	12
25.40	8.47	.511	9.70	7.85	14
25.60	7.71	.563	8.60	6.87	14
25.80	7.06	.655	7.94	5.71	14
26.00	6.76	.625	7.61	5.51	14
26.20	6.63	.509	7.35	5.66	14
26.40	6.53	.468	7.13	5.69	14
26.60	6.24	.400	6.73	5.54	14
26.80	5.20	.285	5.60	4.74	14
27.00	4.27	.178	4.51	3.98	12
27.10	3.99	.134	4.17	3.74	12
27.20	3.71	.103	3.84	3.54	12
27.30	3.42	.083	3.56	3.31	12
27.40	3.03	.061	3.13	2.96	12
27.50	2.57	.054	2.64	2.49	10
27.60	2.06	.060	2.13	2.01	4

SVA (THETA)

SIGMA -T	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	296.4	.23	296.5	296.1	3
25.20	276.7	.68	277.5	275.1	12
25.40	257.5	1.05	258.5	255.0	14
25.60	238.7	.74	239.5	236.9	14
25.80	220.1	.50	220.5	218.6	14
26.00	201.2	.34	201.5	200.2	14
26.20	182.5	.28	182.4	181.5	14
26.40	163.5	.13	163.4	163.0	14
26.60	144.4	.03	144.4	144.3	14
26.80	125.3	.11	125.4	125.0	14
27.00	106.2	.10	106.4	106.1	12
27.10	96.8	.08	96.8	96.6	12
27.20	87.2	.05	87.3	87.1	12
27.30	77.7	.05	77.7	77.6	12
27.40	68.1	.09	68.2	67.9	12
27.50	58.5	.12	58.6	58.3	10
27.60	48.6	.01	48.6	48.6	4

STATION MP14 D E C E M B E R 1956 to 1998

DELTA D

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	1.800	.2800	2.080	1.520	3
25.20	1.927	.3653	2.510	1.360	12
25.40	2.169	.3049	2.600	1.740	14
25.60	2.364	.3145	2.760	1.820	14
25.80	2.649	.3602	3.100	2.070	14
26.00	3.023	.4015	3.530	2.370	14
26.20	3.385	.4328	3.940	2.670	14
26.40	3.662	.4129	4.330	2.980	14
26.60	4.169	.3309	4.710	3.640	14
26.80	5.499	.3896	6.140	4.920	14
27.00	7.427	.5099	8.300	6.700	12
27.10	8.498	.4656	9.160	7.760	12
27.20	9.681	.4565	10.440	8.940	12
27.30	11.029	.4304	11.750	10.390	12
27.40	12.618	.5008	13.640	11.790	12
27.50	14.471	.6343	15.590	13.490	10
27.60	17.340	.4817	17.730	16.640	4

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
.55	.165	.72	.39	3
.67	.239	1.09	.34	12
.85	.241	1.28	.52	14
1.01	.268	1.46	.56	14
1.27	.336	1.70	.70	14
1.68	.437	2.31	.98	14
2.03	.528	2.97	1.17	14
2.53	.580	3.66	1.63	14
3.38	.539	4.42	2.46	14
6.50	.959	8.19	5.05	14
13.63	2.101	18.18	10.79	12
18.99	2.185	22.90	15.63	12
26.27	2.319	30.44	22.25	12
36.45	2.552	40.90	32.80	12
51.31	2.778	59.80	44.92	12
72.80	5.915	84.22	63.46	10
114.70	4.216	118.98	108.97	4

DELTA DH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	10.669	.1525	10.793	10.485	3
25.20	10.549	.1355	11.235	10.067	11
25.40	10.340	.2270	10.675	9.947	12
25.60	10.163	.2056	10.429	9.822	12
25.80	9.887	.2163	10.254	9.534	12
26.00	9.519	.2704	9.876	9.037	12
26.20	9.243	.2919	9.673	8.736	12
26.40	8.892	.2607	9.263	8.408	12
26.60	8.371	.1882	8.609	8.009	12
26.80	7.060	.1358	7.209	6.788	12
27.00	5.059	.3123	5.437	4.298	12
27.10	3.988	.2609	4.368	3.474	12
27.20	2.805	.2149	3.197	2.437	12
27.30	1.457	.2052	1.778	1.132	12
27.40	-0.132	.2783	.343	-0.763	12
27.50	-1.970	.3879	-1.355	-2.709	10
27.60	-4.698	.2224	-4.400	-4.914	4

ACC. POT.

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
12.446	.1803	12.581	12.241	3
12.414	.2633	12.848	12.037	11
12.262	.2454	12.698	11.914	12
12.116	.2331	12.529	11.770	12
11.953	.2180	12.339	11.608	12
11.761	.2017	12.122	11.429	12
11.540	.1881	11.879	11.229	12
11.289	.1788	11.611	11.000	12
10.994	.1701	11.291	10.725	12
10.599	.1528	10.845	10.357	12
9.964	.1162	10.157	9.784	12
9.530	.0887	9.694	9.397	12
9.003	.0656	9.130	8.910	12
8.360	.0397	8.434	8.307	12
7.561	.0173	7.598	7.539	12
6.537	.0316	6.572	6.466	10
5.217	.0527	5.277	5.150	4

OXYGEN

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	n/a	n/a	n/a	n/a	0
25.60	n/a	n/a	n/a	n/a	0
25.80	n/a	n/a	n/a	n/a	0
26.00	n/a	n/a	n/a	n/a	0
26.20	n/a	n/a	n/a	n/a	0
26.40	n/a	n/a	n/a	n/a	0
26.60	n/a	n/a	n/a	n/a	0
26.80	n/a	n/a	n/a	n/a	0
27.00	n/a	n/a	n/a	n/a	0
27.10	n/a	n/a	n/a	n/a	0
27.20	n/a	n/a	n/a	n/a	0
27.30	n/a	n/a	n/a	n/a	0
27.40	n/a	n/a	n/a	n/a	0
27.50	n/a	n/a	n/a	n/a	0
27.60	n/a	n/a	n/a	n/a	0

SOUND

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
1488	2.5	1491	1486	3
1486	2.4	1492	1483	12
1483	2.1	1488	1481	14
1480	2.1	1484	1477	14
1478	2.7	1482	1472	14
1478	2.5	1481	1473	14
1478	1.9	1480	1474	14
1478	1.8	1480	1474	14
1477	1.7	1479	1474	14
1475	1.2	1477	1473	14
1474	1.1	1476	1472	12
1475	.8	1476	1473	12
1476	.7	1477	1475	12
1477	.6	1478	1476	12
1479	.6	1480	1478	12
1482	.8	1483	1480	10
1487	.5	1487	1486	4

Table 8. As in Table 4, for Station 8 (P16).

Table 8: STATION MP16 A L L D A T A (JANUARY-DECEMBER) 1956 to 1990

TEMPERATURE

PRESS	MEAN	S.D.	MAX	MIN	N
0	10.26	3.152	17.30	5.28	182
10	10.19	3.137	17.11	5.22	182
20	10.02	3.032	17.11	5.25	182
30	9.46	2.598	16.00	5.26	182
50	8.04	1.419	13.32	5.26	182
75	7.09	.889	10.21	5.27	182
100	6.51	.618	8.27	5.11	182
125	6.21	.459	7.31	5.16	181
150	6.10	.410	7.06	5.19	181
175	5.95	.408	6.90	4.83	181
200	5.72	.402	6.70	4.78	181
225	5.46	.391	6.57	4.58	181
250	5.22	.377	6.42	4.32	181
300	4.82	.335	6.09	3.99	178
400	4.35	.244	5.32	3.73	172
500	4.06	.174	4.78	3.73	152
600	3.83	.130	4.34	3.57	152
700	3.64	.105	3.98	3.41	150
800	3.43	.088	3.72	3.26	149
900	3.24	.066	3.47	3.09	148
1000	3.05	.054	3.27	2.89	147
1200	2.74	.039	2.88	2.62	142
1500	2.36	.033	2.44	2.29	90
2000	1.95	.026	2.01	1.90	32
2500	1.72	.019	1.75	1.69	15
3000	1.60	.012	1.62	1.58	13

SALINITY

MEAN	S.D.	MAX	MIN	N
32.484	.1123	32.710	32.003	182
32.481	.1091	32.695	32.002	182
32.486	.1078	32.692	32.007	182
32.499	.1028	32.693	32.043	182
32.538	.0882	32.783	32.336	182
32.605	.1112	33.370	32.410	182
32.802	.2066	33.835	32.473	182
33.255	.2430	33.918	32.663	181
33.819	.1401	33.937	33.230	181
33.776	.0747	33.947	33.466	181
33.835	.0503	33.957	33.675	181
33.857	.0438	33.960	33.715	181
33.872	.0403	33.970	33.748	181
33.903	.0353	34.014	33.813	178
33.988	.0298	34.106	33.882	172
34.077	.0263	34.157	33.995	152
34.155	.0245	34.218	34.059	152
34.224	.0242	34.284	34.128	150
34.282	.0224	34.336	34.186	149
34.329	.0210	34.377	34.243	148
34.369	.0210	34.421	34.278	147
34.432	.0204	34.502	34.340	142
34.505	.0184	34.567	34.450	90
34.587	.0117	34.614	34.564	32
34.626	.0101	34.641	34.604	15
34.651	.0093	34.669	34.627	13

SIGMA T

PRESS	MEAN	S.D.	MAX	MIN	N
0	24.920	.5962	25.780	23.425	182
10	24.930	.5926	25.780	23.477	182
20	24.965	.5712	25.780	23.486	182
30	25.078	.4813	25.780	23.742	182
50	25.350	.2466	25.792	24.338	182
75	25.542	.1556	26.062	24.998	182
100	25.775	.1636	26.499	25.313	182
125	26.170	.1705	26.587	25.653	181
150	26.471	.0956	26.664	26.123	181
175	26.614	.0539	26.717	26.379	181
200	26.689	.0386	26.771	26.560	181
225	26.738	.0332	26.815	26.654	181
250	26.778	.0322	26.860	26.683	181
300	26.849	.0324	26.933	26.747	178
400	26.970	.0300	27.049	26.879	172
500	27.069	.0273	27.127	26.977	152
600	27.154	.0247	27.217	27.070	152
700	27.230	.0230	27.284	27.145	150
800	27.295	.0205	27.345	27.205	149
900	27.350	.0188	27.394	27.266	148
1000	27.399	.0188	27.444	27.312	147
1200	27.478	.0178	27.533	27.398	142
1500	27.568	.0159	27.621	27.522	90
2000	27.667	.0099	27.691	27.646	32
2500	27.715	.0090	27.729	27.698	15
3000	27.745	.0084	27.759	27.726	13

SVA

MEAN	S.D.	MAX	MIN	N
304.4	56.78	446.8	222.5	182
303.6	56.48	442.1	222.6	182
300.4	54.49	441.6	222.7	182
289.8	45.96	417.4	222.8	182
264.2	23.59	361.4	221.9	182
246.1	14.90	298.3	196.8	182
224.2	15.56	268.5	155.7	182
187.0	16.13	236.1	147.7	181
158.8	9.05	192.0	140.4	181
145.5	5.16	168.0	135.6	181
138.6	3.77	151.2	130.5	181
134.1	3.28	142.6	126.5	181
130.5	3.20	139.7	122.3	181
124.1	3.23	134.3	116.3	178
113.2	2.98	122.6	105.9	172
104.5	2.70	114.0	98.6	152
97.0	2.43	105.0	90.7	152
90.4	2.25	98.4	85.1	150
84.7	2.01	93.4	79.8	149
79.8	1.84	88.1	75.6	148
75.5	1.84	84.0	71.2	147
68.5	1.69	76.1	63.4	142
60.5	1.51	64.9	55.5	90
51.8	.94	53.8	49.5	32
47.9	.84	49.5	46.6	15
46.0	.75	47.6	44.6	13

THETA

PRESS	MEAN	S.D.	MAX	MIN	N
0	10.26	3.152	17.30	5.28	182
10	10.19	3.137	17.11	5.22	182
20	10.01	3.032	17.11	5.25	182
30	9.46	2.599	16.00	5.26	182
50	8.04	1.416	13.31	5.26	182
75	7.08	.889	10.20	5.26	182
100	6.50	.617	8.26	5.11	182
125	6.20	.458	7.30	5.15	181
150	6.09	.410	7.05	5.17	181
175	5.94	.407	6.88	4.82	181
200	5.71	.401	6.68	4.76	181
225	5.44	.390	6.55	4.56	181
250	5.20	.376	6.39	4.30	181
300	4.79	.335	6.06	3.97	178
400	4.28	.244	5.29	3.70	172
500	4.03	.173	4.75	3.70	152
600	3.79	.130	4.30	3.53	152
700	3.57	.104	3.93	3.36	150
800	3.37	.087	3.66	3.20	149
900	3.17	.066	3.41	3.03	148
1000	2.98	.053	3.20	2.82	147
1200	2.66	.039	2.80	2.54	142
1500	2.26	.033	2.34	2.19	90
2000	1.81	.026	1.87	1.77	32
2500	1.55	.019	1.58	1.52	15
3000	1.38	.011	1.40	1.36	13

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
304.4	56.78	446.8	222.5	182
303.4	56.43	441.8	222.5	182
300.0	54.37	440.9	222.5	182
289.2	45.81	416.4	222.5	182
263.3	23.44	360.0	221.3	182
245.0	14.79	296.7	195.6	182
222.9	15.54	266.8	154.1	182
185.7	16.20	234.4	145.7	181
156.7	9.00	189.7	138.4	181
143.1	5.11	165.4	133.4	181
136.0	3.65	148.2	128.2	181
131.3	3.14	139.3	124.1	181
127.5	3.05	136.5	119.7	181
120.8	3.05	130.4	112.8	178
109.2	2.83	117.8	101.7	172
99.8	2.57	108.4	94.3	152
91.7	2.33	99.6	85.3	152
84.4	2.17	92.4	79.3	150
78.2	1.94	86.7	73.5	149
72.9	1.79	80.9	68.8	148
68.2	1.80	76.5	64.0	147
60.7	1.57	68.3	55.5	142
52.0	1.50	56.4	47.0	90
45.3	.91	48.5	40.2	32
41.7	.82	43.3	36.4	15
34.6	.77	36.4	33.2	13

STATION MP16 A L L D A T A (JANUARY-DECEMBER) 1956 to 1990

DELTA D

PRESS	MEAN	S.D.	MAX	MIN	N
0	.000	.0000	.000	.000	182
10	.305	.0568	.450	.220	182
20	.608	.1126	.900	.450	182
30	.904	.1631	1.310	.670	182
50	1.459	.2212	2.030	1.110	182
75	2.097	.2450	2.740	1.670	182
100	2.685	.2544	3.370	2.190	182
125	3.200	.2648	3.940	2.600	181
150	3.628	.2772	4.420	2.980	181
175	4.007	.2844	4.830	3.360	181
200	4.361	.2892	5.200	3.730	181
225	4.701	.2917	5.550	4.090	181
250	5.032	.2942	5.890	4.440	181
300	5.676	.2964	6.540	5.060	178
400	6.853	.3074	7.740	6.180	172
500	7.946	.3227	8.840	7.210	155
600	8.953	.3362	9.850	8.190	126
700	9.889	.3506	10.780	9.080	150
800	10.767	.3621	11.660	9.920	149
900	11.590	.3741	12.480	10.720	148
1000	12.364	.3862	13.270	11.470	147
1200	13.805	.4108	14.790	12.840	142
1500	15.890	.4374	16.950	14.730	90
2000	18.725	.3744	19.270	17.870	32
2500	21.142	.4380	21.800	20.300	15
3000	23.506	.4962	24.170	22.590	13

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.00	.000	.00	.00	182
.01	.005	.02	.01	182
.06	.012	.09	.04	182
.14	.025	.20	.10	182
.36	.049	.49	.28	182
.77	.068	.97	.64	182
1.29	.083	1.51	1.07	182
1.85	.103	2.16	1.53	181
2.48	.130	2.83	2.06	181
3.11	.151	3.53	2.65	181
3.78	.163	4.29	3.33	181
4.52	.173	5.08	4.09	181
5.32	.183	5.91	4.89	181
7.11	.204	7.77	6.56	178
11.32	.278	12.20	10.56	172
16.31	.394	17.49	15.29	155
21.95	.519	23.42	20.72	126
28.15	.658	30.13	26.66	150
34.85	.801	37.46	33.03	149
41.97	.954	45.31	39.78	148
49.47	1.099	53.64	46.89	147
65.56	1.457	71.48	62.16	142
92.05	2.932	96.65	87.08	90
143.06	1.934	146.04	138.75	32
200.40	2.738	203.96	194.23	15
266.22	3.872	271.47	258.26	13

OXYGEN

PRESS	MEAN	S.D.	MAX	MIN	N
0	6.54	.390	7.13	5.88	26
10	6.58	.369	7.08	5.91	26
20	6.62	.386	7.12	5.91	26
30	6.68	.348	7.09	5.90	26
50	6.80	.311	7.29	6.47	26
75	6.76	.247	7.10	6.31	26
100	6.28	.561	6.97	4.65	26
125	5.19	.814	6.68	3.27	26
150	4.26	.539	5.50	3.96	26
175	3.85	.485	4.71	3.79	26
200	3.50	.426	4.26	3.68	26
225	3.17	.389	3.86	2.46	26
250	2.88	.403	3.66	2.25	26
300	2.26	.372	2.99	1.55	26
400	1.47	.190	1.90	1.18	26
500	.98	.128	1.21	.72	26
600	.71	.094	.92	.51	26
700	.55	.078	.75	.42	26
800	.44	.070	.60	.28	26
900	.41	.061	.54	.29	26
1000	.40	.072	.58	.30	25
1200	.48	.124	.94	.33	25
1500	.73	.086	.94	.63	21
2000	1.39	.061	1.49	1.30	20
2500	1.96	.120	2.18	1.83	15
3000	2.49	.057	2.57	2.39	11

SOUND

MEAN	S.D.	MAX	MIN	N
1488	11.2	1511	1469	182
1488	11.2	1511	1469	182
1487	10.9	1511	1469	182
1485	9.4	1508	1469	182
1481	5.4	1500	1470	182
1477	3.5	1489	1470	182
1476	2.5	1482	1470	182
1476	2.0	1481	1471	181
1476	1.8	1480	1472	181
1476	1.8	1480	1471	181
1476	1.7	1480	1472	181
1475	1.6	1480	1471	181
1474	1.6	1479	1471	181
1474	1.4	1479	1470	178
1473	1.1	1478	1471	172
1474	.8	1477	1473	152
1475	.6	1477	1474	152
1476	.5	1477	1475	150
1477	.5	1478	1476	149
1477	.5	1478	1477	148
1478	.4	1479	1478	147
1480	.4	1481	1480	142
1484	.0	1484	1484	90
1490	.5	1491	1490	32
1498	.0	1498	1498	15
1506	.0	1506	1506	13

DELTA DH

PRESS	MEAN	S.D.	MAX	MIN	N
0	12.364	.3860	13.270	11.471	147
10	12.058	.3460	12.881	11.229	147
20	11.754	.3113	12.560	10.989	147
30	11.456	.2825	12.239	10.757	147
50	10.898	.2461	11.635	10.286	147
75	10.257	.2249	10.957	9.712	147
100	9.666	.2123	10.342	9.165	147
125	9.152	.2023	9.853	8.695	147
150	8.726	.1938	9.430	8.306	147
175	8.350	.1875	9.042	7.931	147
200	7.996	.1807	8.668	7.588	147
225	7.655	.1741	8.307	7.260	147
250	7.325	.1676	7.955	6.943	147
300	6.688	.1540	7.273	6.333	147
400	5.504	.1270	6.002	5.206	147
500	4.416	.1018	4.826	4.169	147
600	3.409	.0788	3.740	3.217	147
700	2.472	.0572	2.726	2.338	147
800	1.598	.0373	1.767	1.511	147
900	.776	.0185	.861	.735	147
1000	.000	.0000	.000	.000	147
1200	-1.435	.0363	-1.346	-1.591	142
1500	-3.366	.0815	-3.154	-3.579	90
2000	-6.208	.0928	-5.990	-6.353	32
2500	-8.213	.1315	-8.411	-8.880	15
3000	-11.064	.1730	-10.695	-11.290	13

Table 9. As in Table 5, for Station 8 (P16).

Table 9 : STATION MP16 J A N U A R Y 1956 to 1998

TEMPERATURE

PRESS	MEAN	S.D.	MAX	MIN	N
0	7.89	.790	9.32	7.06	13
10	7.92	.770	9.30	7.05	13
20	7.93	.767	9.30	7.05	13
30	7.93	.764	9.30	7.08	13
50	7.91	.754	9.30	7.08	13
75	7.83	.903	8.60	6.79	13
100	6.84	.751	8.27	5.45	13
125	6.37	.635	7.31	5.16	13
150	6.27	.543	7.06	5.38	13
175	6.12	.529	6.90	5.34	13
200	5.85	.537	6.70	5.11	13
225	5.65	.523	6.57	4.85	13
250	5.40	.562	6.42	4.64	13
300	5.04	.559	6.09	4.33	13
400	4.45	.425	5.32	4.02	13
500	4.11	.313	4.78	3.78	13
600	3.85	.253	4.34	3.60	13
700	3.64	.195	3.98	3.44	13
800	3.45	.141	3.79	3.27	13
900	3.25	.103	3.47	3.11	12
1000	3.07	.080	3.27	2.97	11
1200	2.74	.051	2.83	2.67	10
1500	2.36	.016	2.38	2.34	6
2000	1.98	n/a	n/a	n/a	1
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0

SALINITY

MEAN	S.D.	MAX	MIN	N
32.452	.0458	32.510	32.370	13
32.453	.0477	32.510	32.370	13
32.453	.0476	32.510	32.370	13
32.455	.0486	32.510	32.369	13
32.455	.0506	32.512	32.368	13
32.494	.1224	32.620	32.440	13
32.945	.3569	33.060	32.506	13
33.391	.2396	33.660	32.972	13
33.656	.1640	33.860	33.460	13
33.789	.0869	33.896	33.583	13
33.844	.0440	33.918	33.779	13
33.874	.0368	33.939	33.807	13
33.890	.0386	33.950	33.827	13
33.917	.0313	33.970	33.876	13
33.988	.0213	34.020	33.947	13
34.070	.0258	34.119	34.028	13
34.149	.0297	34.191	34.092	13
34.217	.0253	34.266	34.180	13
34.277	.0150	34.301	34.250	13
34.327	.0107	34.349	34.300	13
34.369	.0139	34.396	34.346	12
34.428	.0134	34.450	34.412	10
34.506	.0147	34.520	34.482	6
34.564	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

SIGMA T

PRESS	MEAN	S.D.	MAX	MIN	N
0	25.311	.1431	25.454	25.039	13
10	25.308	.1403	25.445	25.038	13
20	25.307	.1399	25.445	25.038	13
30	25.309	.1415	25.449	25.038	13
50	25.311	.1418	25.457	25.036	13
75	25.462	.2206	25.733	25.306	13
100	25.844	.2936	26.332	25.313	13
125	26.256	.1663	26.455	25.823	13
150	26.478	.1240	26.606	26.123	13
175	26.603	.0784	26.686	26.379	13
200	26.677	.0510	26.729	26.560	13
225	26.728	.0462	26.793	26.654	13
250	26.770	.0446	26.826	26.691	13
300	26.834	.0466	26.884	26.750	13
400	26.956	.0435	27.003	26.879	13
500	27.058	.0422	27.111	26.977	13
600	27.148	.0320	27.190	27.088	13
700	27.223	.0322	27.267	27.159	13
800	27.289	.0314	27.316	27.241	13
900	27.348	.0296	27.373	27.297	12
1000	27.398	.0137	27.417	27.372	11
1200	27.474	.0100	27.492	27.460	10
1500	27.569	.0139	27.581	27.548	6
2000	27.646	n/a	n/a	n/a	1
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0

SVA

MEAN	S.D.	MAX	MIN	N
267.1	13.61	292.9	253.5	13
267.5	13.37	293.2	254.4	13
267.7	13.33	293.4	254.6	13
267.7	13.51	293.6	254.3	13
267.9	13.55	294.1	253.9	13
255.8	11.49	268.7	226.1	13
217.8	27.91	268.5	171.1	13
178.9	15.26	220.3	160.3	13
158.1	11.77	192.0	145.3	13
146.6	7.55	168.0	136.5	13
139.8	5.05	151.2	134.6	13
135.1	4.64	142.8	128.6	13
131.3	4.52	138.4	125.6	13
125.7	4.78	134.3	118.5	13
114.6	4.47	122.0	110.0	13
105.6	4.28	114.0	100.4	13
97.7	3.91	103.9	93.5	13
91.0	3.23	97.6	86.9	13
85.3	2.23	90.3	82.5	13
80.1	2.09	85.3	77.5	12
75.6	1.44	78.6	73.6	11
68.8	.98	70.4	67.2	10
60.4	1.35	62.4	59.2	6
53.8	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

THETA

PRESS	MEAN	S.D.	MAX	MIN	N
0	7.89	.790	9.32	7.06	13
10	7.92	.770	9.30	7.05	13
20	7.93	.767	9.30	7.05	13
30	7.93	.764	9.30	7.08	13
50	7.91	.754	9.30	7.08	13
75	7.82	.902	8.59	6.78	13
100	6.83	.748	8.26	5.45	13
125	6.36	.635	7.30	5.15	13
150	6.26	.545	7.05	5.36	13
175	6.10	.525	6.88	5.33	13
200	5.85	.534	6.68	5.10	13
225	5.63	.550	6.54	4.83	13
250	5.38	.560	6.39	4.62	13
300	5.02	.557	6.06	4.31	13
400	4.43	.425	5.29	3.99	13
500	4.07	.312	4.75	3.75	13
600	3.81	.230	4.30	3.56	13
700	3.59	.174	3.93	3.39	13
800	3.39	.140	3.66	3.21	12
900	3.19	.102	3.41	3.05	11
1000	3.00	.080	3.20	2.90	11
1200	2.66	.049	2.75	2.59	10
1500	2.25	.019	2.28	2.23	6
2000	1.84	n/a	n/a	n/a	1
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
267.1	13.61	292.9	253.5	13
267.4	13.36	293.1	254.3	13
267.4	13.31	293.0	254.3	13
267.2	13.46	293.1	253.9	13
267.0	13.45	293.1	253.3	13
255.6	11.47	267.4	226.8	13
218.3	27.92	268.3	169.6	13
177.1	15.23	218.3	159.2	13
156.0	11.76	189.7	141.9	13
144.2	7.44	165.4	136.2	13
137.1	4.82	148.2	132.2	13
132.2	4.35	139.4	126.1	13
128.5	4.31	135.2	122.9	13
122.5	4.36	130.0	114.5	13
110.5	4.09	119.8	106.1	13
100.8	3.93	108.4	95.8	13
92.3	3.63	97.9	88.2	13
85.1	3.01	91.1	80.9	13
78.8	2.01	83.3	76.2	12
73.8	1.91	77.3	70.8	11
68.4	1.31	70.8	66.5	11
61.9	1.99	65.4	59.3	10
51.9	1.32	53.9	50.8	6
44.5	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

STATION MP16 J A N U A R Y 1956 to 1990

DELTA D

PRESS	MEAN	S.D.	MAX	MIN	N
0	.000	.0000	.000	.000	13
10	.269	.0126	.290	.250	13
20	.536	.0269	.590	.510	13
30	.802	.0410	.880	.760	13
50	1.340	.0694	1.470	1.270	13
75	2.004	.0896	2.160	1.900	13
100	2.690	.0716	2.800	2.480	13
125	3.083	.0954	3.290	2.940	13
150	3.499	.1231	3.810	3.330	13
175	3.862	.1421	4.260	3.700	13
200	4.236	.1520	4.650	4.040	13
225	4.578	.1590	5.020	4.380	13
250	4.912	.1625	5.380	4.710	13
300	5.554	.1741	6.030	5.340	13
400	6.754	.1995	7.270	6.520	13
500	7.853	.2245	8.430	7.580	13
600	8.870	.2510	9.480	8.550	13
700	9.812	.2866	10.450	9.450	13
800	10.726	.3242	11.340	10.440	12
900	11.553	.3695	12.180	11.260	12
1000	12.300	.3777	12.960	12.030	11
1200	13.760	.3397	14.410	13.470	10
1500	15.537	.1659	15.860	15.430	6
2000	18.780	n/a	n/a	n/a	1
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.00	.000	.00	.00	13
.01	.000	.01	.01	13
.05	.005	.06	.05	13
.12	.005	.13	.12	13
.34	.017	.37	.33	13
.77	.032	.81	.73	13
1.29	.041	1.37	1.23	13
1.82	.045	1.96	1.75	13
2.43	.138	2.79	2.25	13
3.06	.171	3.53	2.87	13
3.74	.190	4.29	3.57	13
4.49	.202	5.08	4.30	13
5.29	.216	5.91	5.09	13
7.09	.239	7.77	6.85	13
11.36	.383	12.20	11.01	13
16.40	.535	17.49	15.82	13
22.09	.738	23.40	21.26	13
28.13	.983	29.90	27.11	13
34.19	1.087	37.07	34.10	12
42.35	1.354	44.68	41.14	12
49.71	1.331	52.60	48.52	11
65.83	1.590	69.13	64.21	10
91.58	1.424	94.23	90.20	6
146.04	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

OXYGEN

PRESS	MEAN	S.D.	MAX	MIN	N
0	n/a	n/a	n/a	n/a	0
10	n/a	n/a	n/a	n/a	0
20	n/a	n/a	n/a	n/a	0
30	n/a	n/a	n/a	n/a	0
50	n/a	n/a	n/a	n/a	0
75	n/a	n/a	n/a	n/a	0
100	n/a	n/a	n/a	n/a	0
125	n/a	n/a	n/a	n/a	0
150	n/a	n/a	n/a	n/a	0
175	n/a	n/a	n/a	n/a	0
200	n/a	n/a	n/a	n/a	0
225	n/a	n/a	n/a	n/a	0
250	n/a	n/a	n/a	n/a	0
300	n/a	n/a	n/a	n/a	0
400	n/a	n/a	n/a	n/a	0
500	n/a	n/a	n/a	n/a	0
600	n/a	n/a	n/a	n/a	0
700	n/a	n/a	n/a	n/a	0
800	n/a	n/a	n/a	n/a	0
900	n/a	n/a	n/a	n/a	0
1000	n/a	n/a	n/a	n/a	0
1200	n/a	n/a	n/a	n/a	0
1500	n/a	n/a	n/a	n/a	0
2000	n/a	n/a	n/a	n/a	0
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0

SOUND

MEAN	S.D.	MAX	MIN	N
1479	3.1	1485	1476	13
1480	3.0	1485	1476	13
1480	3.0	1485	1476	13
1480	2.9	1485	1477	13
1480	2.8	1485	1477	13
1480	3.0	1483	1476	13
1477	3.0	1482	1471	13
1477	3.0	1481	1471	13
1477	2.9	1480	1473	13
1477	2.7	1480	1474	13
1476	2.4	1480	1473	13
1476	2.4	1480	1473	13
1475	2.2	1479	1473	13
1475	2.4	1479	1473	13
1474	1.9	1478	1473	13
1474	1.8	1477	1473	13
1475	1.8	1477	1474	13
1476	.8	1477	1475	13
1477	.8	1478	1476	13
1477	.5	1478	1477	12
1478	.5	1479	1478	11
1480	.5	1481	1480	10
1484	.0	1484	1484	6
1491	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

DELTA DH

PRESS	MEAN	S.D.	MAX	MIN	N
0	12.101	.3170	12.963	12.030	11
10	12.035	.3114	12.695	11.776	11
20	11.768	.3066	12.427	11.515	11
30	11.502	.3011	12.159	11.238	11
50	10.963	.3317	11.633	10.683	11
75	10.305	.3874	10.951	10.003	11
100	9.706	.3744	10.380	9.451	11
125	9.295	.3715	9.979	9.061	11
150	8.983	.3585	9.622	8.752	11
175	8.702	.3455	9.340	8.466	11
200	8.445	.3332	9.071	8.220	11
225	7.902	.3226	8.512	7.690	11
250	7.571	.3133	8.166	7.373	11
300	6.932	.1941	7.178	6.647	11
400	5.536	.1560	5.896	5.397	11
500	4.439	.1513	4.723	4.220	11
600	3.425	.0928	3.643	3.328	11
700	2.484	.0661	2.635	2.406	11
800	1.603	.0402	1.696	1.554	11
900	.778	.0179	.818	.756	11
1000	.000	.0000	.000	.000	11
1200	-1.438	.0216	-1.400	-1.475	10
1500	-3.350	.0551	-3.294	-3.440	6
2000	-6.353	n/a	n/a	n/a	1
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0

STATION MP16 F E B R U A R Y 1956 to 1990

TEMPERATURE

PRESS	MEAN	S.D.	MAX	MIN	N
0	6.99	1.023	8.30	5.28	12
10	6.96	1.050	8.26	5.25	12
20	6.97	1.047	8.26	5.25	12
30	6.97	1.045	8.29	5.26	12
50	6.96	1.049	8.32	5.26	12
75	6.89	.976	8.14	5.27	12
100	6.57	.687	7.72	5.35	12
125	6.40	.387	7.01	5.80	12
150	6.27	.379	6.89	5.70	12
175	6.11	.371	6.76	5.54	12
200	5.91	.367	6.65	5.41	12
225	5.65	.400	6.57	5.07	12
250	5.41	.407	6.40	4.75	12
300	4.90	.219	5.20	4.39	11
400	4.38	.174	4.58	3.98	11
500	4.13	.115	4.32	3.90	10
600	3.88	.101	4.05	3.69	10
700	3.65	.082	3.77	3.49	10
800	3.46	.068	3.55	3.32	10
900	3.26	.069	3.42	3.15	10
1000	3.08	.054	3.21	3.00	10
1200	2.74	.052	2.85	2.65	10
1500	2.37	.038	2.44	2.33	6
2000	2.00	.007	2.01	2.00	2
2500	1.73	.007	1.73	1.72	2
3000	1.61	.007	1.61	1.60	2

SALINITY

MEAN	S.D.	MAX	MIN	N
32.541	.0701	32.650	32.408	12
32.535	.0672	32.617	32.412	12
32.536	.0673	32.617	32.415	12
32.536	.0684	32.620	32.415	12
32.539	.0671	32.618	32.419	12
32.605	.2489	33.370	32.425	12
32.792	.3500	33.835	32.536	12
33.313	.2863	33.918	32.962	12
33.631	.1444	33.937	33.370	12
33.782	.0874	33.947	33.581	12
33.840	.0631	33.957	33.675	12
33.859	.0558	33.960	33.715	12
33.876	.0529	33.970	33.748	12
33.904	.0480	34.014	33.817	11
33.995	.0436	34.106	33.927	11
34.087	.0310	34.157	34.059	10
34.157	.0292	34.207	34.119	10
34.223	.0277	34.265	34.174	10
34.279	.0279	34.335	34.247	10
34.324	.0234	34.368	34.298	10
34.364	.0214	34.397	34.335	10
34.431	.0184	34.464	34.406	10
34.495	.0118	34.512	34.483	6
34.587	.0108	34.592	34.582	2
34.632	.0120	34.638	34.625	2
34.656	.0000	34.662	34.650	2

SIGMA T

PRESS	MEAN	S.D.	MAX	MIN	N
0	25.504	.1566	25.718	25.233	12
10	25.503	.1568	25.715	25.243	12
20	25.504	.1585	25.729	25.244	12
30	25.503	.1572	25.714	25.245	12
50	25.507	.1590	25.718	25.248	12
75	25.568	.2159	26.062	25.257	12
100	25.760	.2671	26.499	25.474	12
125	26.193	.1974	26.587	25.922	12
150	26.459	.0846	26.619	26.325	12
175	26.599	.0545	26.709	26.512	12
200	26.670	.0446	26.754	26.602	12
225	26.717	.0383	26.795	26.672	12
250	26.758	.0384	26.841	26.710	12
300	26.841	.0382	26.933	26.796	11
400	26.969	.0321	27.049	26.930	11
500	27.070	.0229	27.119	27.043	10
600	27.151	.0244	27.195	27.121	10
700	27.226	.0213	27.264	27.195	10
800	27.289	.0218	27.331	27.261	10
900	27.344	.0210	27.382	27.308	10
1000	27.393	.0201	27.423	27.358	10
1200	27.477	.0182	27.511	27.447	10
1500	27.560	.0117	27.575	27.546	6
2000	27.663	.0079	27.667	27.658	2
2500	27.720	.0098	27.725	27.714	2
3000	27.748	.0082	27.754	27.743	2

SVA

MEAN	S.D.	MAX	MIN	N
248.7	14.89	274.5	228.4	12
249.0	14.95	273.7	228.7	12
249.0	15.09	273.7	227.6	12
249.2	15.03	273.8	229.0	12
249.1	15.18	273.8	228.9	12
243.6	20.59	273.3	196.8	12
225.7	25.34	253.0	155.7	12
184.8	18.65	210.5	147.7	12
159.9	7.96	172.4	145.0	12
146.9	5.16	155.0	136.4	12
140.5	4.27	147.0	132.4	12
136.2	3.74	140.1	128.6	12
132.4	3.76	137.6	124.4	12
124.8	3.65	129.4	116.2	11
113.3	3.04	117.1	105.9	11
104.5	2.18	107.1	99.9	10
97.4	2.31	100.3	93.2	10
90.8	1.99	93.5	87.2	10
85.3	2.00	88.1	81.4	10
80.5	2.05	84.1	76.8	10
76.2	1.99	79.7	73.2	10
68.6	1.80	71.7	65.2	10
61.3	1.19	62.8	59.8	6
52.5	.64	52.9	52.0	2
47.6	.71	48.1	47.1	2
45.7	.71	46.2	45.2	2

THETA

PRESS	MEAN	S.D.	MAX	MIN	N
0	6.99	1.023	8.30	5.28	12
10	6.96	1.049	8.26	5.25	12
20	6.96	1.045	8.26	5.25	12
30	6.96	1.045	8.29	5.26	12
50	6.96	1.046	8.31	5.26	12
75	6.88	.977	8.14	5.26	12
100	6.56	.685	7.71	5.35	12
125	6.39	.386	7.00	5.79	12
150	6.26	.376	6.87	5.69	12
175	6.09	.370	6.74	5.52	12
200	5.89	.367	6.63	5.39	12
225	5.63	.399	6.55	5.05	12
250	5.39	.407	6.38	4.73	12
300	4.87	.218	5.18	4.37	11
400	4.35	.174	4.55	3.95	11
500	4.09	.114	4.28	3.87	10
600	3.84	.103	4.01	3.64	10
700	3.61	.081	3.77	3.44	10
800	3.40	.068	3.49	3.26	10
900	3.20	.069	3.36	3.09	10
1000	3.01	.054	3.14	2.93	10
1200	2.65	.049	2.76	2.57	10
1500	2.27	.037	2.34	2.23	6
2000	1.87	.007	1.87	1.86	2
2500	1.55	.000	1.55	1.55	2
3000	1.38	.007	1.39	1.38	2

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
248.7	14.89	274.5	228.4	12
248.8	14.92	273.5	228.6	12
248.7	15.06	273.4	227.3	12
248.8	14.96	273.3	228.7	12
248.4	15.09	273.0	228.4	12
242.6	20.52	272.1	195.6	12
224.3	25.36	251.4	154.1	12
183.1	18.76	208.9	145.7	12
157.8	8.03	170.6	142.6	12
144.5	5.15	152.8	134.1	12
137.8	4.23	144.3	129.9	12
133.3	3.64	137.5	125.9	12
129.4	3.63	133.9	121.5	12
121.5	3.61	125.8	112.8	11
109.3	3.04	113.0	101.7	11
99.7	2.16	102.2	95.0	10
92.0	2.29	94.7	87.8	10
84.8	2.00	87.7	81.2	10
78.8	2.02	81.4	74.8	10
73.5	2.01	76.9	69.9	10
68.8	1.91	72.1	66.0	10
60.8	1.69	63.6	57.6	10
52.6	1.13	54.1	51.4	6
42.9	.64	43.3	42.4	2
37.3	.71	37.8	36.8	2
34.3	.71	34.8	33.8	2

STATION MP16 F E B R U A R Y 1956 to 1990

DELTA D

PRESS	MEAN	S.D.	MAX	MIN	N
0	.000	.0000	.000	.000	12
10	.249	.0138	.270	.230	12
20	.498	.0289	.550	.460	12
30	.749	.0434	.820	.690	12
50	1.247	.0765	1.370	1.140	12
75	1.870	.1088	2.050	1.720	12
100	2.461	.1287	2.680	2.290	12
125	2.973	.1541	3.200	2.750	12
150	3.401	.1759	3.650	3.110	12
175	3.782	.1830	4.030	3.470	12
200	4.142	.1851	4.390	3.830	12
225	4.487	.1825	4.720	4.180	12
250	4.824	.1790	5.040	4.530	12
300	5.492	.1620	5.670	5.230	11
400	6.680	.1669	6.850	6.340	11
500	7.755	.1836	7.940	7.360	10
600	8.764	.1900	8.940	8.330	10
700	9.708	.1983	9.910	9.240	10
800	10.587	.2107	10.810	10.080	10
900	11.415	.2217	11.650	10.870	10
1000	12.197	.2331	12.430	11.620	10
1200	13.642	.2551	13.880	13.010	10
1500	15.627	.1688	15.790	15.380	6
2000	18.540	.0566	18.580	18.500	2
2500	21.045	.0918	21.110	20.980	2
3000	23.380	.1414	23.480	23.280	2

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.00	.000	.00	.00	12
.01	.000	.01	.01	12
.05	.004	.06	.05	12
.12	.009	.13	.10	12
.35	.020	.35	.29	12
.72	.040	.78	.66	12
1.24	.071	1.34	1.11	12
1.83	.117	1.94	1.55	12
2.43	.152	2.57	2.06	12
3.06	.172	3.23	2.65	12
3.74	.178	3.94	3.33	12
4.49	.183	4.70	4.09	12
5.30	.180	5.52	4.94	12
7.14	.173	7.35	6.72	12
11.37	.265	11.61	10.66	11
16.33	.369	16.66	15.38	10
21.98	.463	22.40	20.82	10
28.22	.582	28.77	26.81	10
34.94	.709	35.63	33.25	10
42.12	.859	42.94	40.10	10
49.69	1.033	50.80	47.34	10
65.87	1.372	67.75	62.94	10
93.24	1.633	95.32	90.92	6
143.49	2.079	144.96	142.02	2
200.96	2.885	203.00	198.92	2
266.35	4.165	269.30	263.41	2

OXYGEN

PRESS	MEAN	S.D.	MAX	MIN	N
0	6.88	.233	7.05	6.72	2
10	6.91	.205	7.05	6.76	2
20	6.90	.191	7.04	6.77	2
30	6.86	.240	7.03	6.69	2
50	6.88	.205	7.03	6.74	2
75	6.88	.205	7.03	6.74	2
100	6.84	.177	6.96	6.71	2
125	5.91	.354	6.16	5.66	2
150	4.65	.021	4.67	4.64	2
175	4.18	.064	4.23	4.14	2
200	3.80	.014	3.81	3.79	2
225	3.61	.170	3.73	3.49	2
250	3.42	.339	3.66	3.18	2
300	2.69	.269	2.88	2.50	2
400	1.58	.339	1.82	1.34	2
500	.95	.085	1.01	.89	2
600	.74	.092	.80	.67	2
700	.58	.071	.63	.53	2
800	.48	.064	.53	.44	2
900	.46	.057	.50	.42	2
1000	.44	.042	.47	.41	2
1200	.47	.035	.50	.45	2
1500	.67	.014	.68	.66	2
2000	1.33	.042	1.36	1.30	2
2500	1.98	.000	1.98	1.98	2
3000	2.48	n/a	n/a	n/a	1

SOUND

MEAN	S.D.	MAX	MIN	N
1476	4.0	1481	1469	12
1476	4.0	1481	1469	12
1476	4.3	1481	1469	12
1476	4.2	1481	1469	12
1477	4.1	1482	1470	12
1477	3.9	1481	1470	12
1476	2.9	1480	1471	12
1477	1.8	1480	1474	12
1477	1.9	1480	1474	12
1477	1.7	1480	1474	12
1476	1.6	1480	1474	12
1476	1.9	1480	1473	12
1475	1.7	1479	1472	12
1474	.9	1475	1472	11
1474	.7	1474	1473	11
1474	.6	1475	1473	10
1475	.5	1476	1474	10
1476	.4	1476	1475	10
1477	.4	1477	1476	10
1478	.5	1478	1477	10
1478	.5	1479	1478	10
1480	.4	1481	1480	10
1484	.0	1484	1484	6
1491	.0	1491	1491	2
1498	.0	1498	1498	2
1506	.0	1506	1506	2

DELTA DH

PRESS	MEAN	S.D.	MAX	MIN	N
0	12.198	.2324	12.433	11.621	10
10	11.949	.2276	12.159	11.377	10
20	11.701	.2240	11.886	11.132	10
30	11.451	.2221	11.615	10.883	10
50	10.955	.2177	11.140	10.399	10
75	10.333	.2228	10.545	9.780	10
100	9.726	.2257	9.950	9.192	10
125	9.203	.2027	9.419	8.727	10
150	8.772	.1918	8.998	8.333	10
175	8.392	.1845	8.605	7.978	10
200	8.034	.1772	8.230	7.639	10
225	7.691	.1689	7.870	7.315	10
250	7.357	.1612	7.526	6.999	10
300	6.716	.1464	6.869	6.393	10
400	5.529	.1166	5.651	5.286	10
500	4.443	.0953	4.559	4.258	10
600	3.433	.0771	3.535	3.287	10
700	2.490	.0572	2.573	2.381	10
800	1.611	.0400	1.677	1.538	10
900	.782	.0210	.821	.748	10
1000	.000	.0000	.000	.000	10
1200	-1.443	.0365	-1.392	-1.512	10
1500	-3.407	.0803	-3.299	-3.521	6
2000	-6.233	.0990	-6.163	-6.303	2
2500	-8.741	.1329	-8.647	-8.835	2
3000	-11.074	.1803	-10.946	-11.201	2

STATION MP16 M A R C H 1956 to 1990

TEMPERATURE

PRESS	MEAN	S.D.	MAX	MIN	N
0	6.98	.587	8.22	6.20	11
10	6.98	.576	8.22	6.07	11
20	6.97	.569	8.22	6.02	11
30	6.94	.579	8.22	5.92	11
50	6.91	.603	8.21	5.74	11
75	6.87	.604	8.18	5.66	11
100	6.69	.516	7.65	5.51	11
125	6.41	.370	7.11	5.71	11
150	6.24	.274	6.80	5.96	11
175	6.07	.267	6.53	5.77	11
200	5.82	.291	6.31	5.49	11
225	5.54	.295	6.05	5.17	11
250	5.27	.265	5.77	4.97	11
300	4.88	.188	5.18	4.65	11
400	4.41	.103	4.65	4.32	11
500	4.08	.053	4.19	4.04	10
600	3.83	.059	3.96	3.76	10
700	3.64	.068	3.77	3.53	10
800	3.43	.062	3.54	3.34	10
900	3.23	.045	3.31	3.15	10
1000	3.05	.034	3.11	3.00	10
1200	2.72	.032	2.78	2.67	9
1500	2.33	.043	2.39	2.29	4
2000	1.95	.034	1.99	1.92	4
2500	1.73	.035	1.75	1.70	2
3000	1.60	.014	1.61	1.59	2

SALINITY

PRESS	MEAN	S.D.	MAX	MIN	N
0	32.525	.1086	32.671	32.261	11
10	32.530	.0794	32.657	32.377	11
20	32.540	.0621	32.659	32.480	11
30	32.543	.0612	32.659	32.480	11
50	32.544	.0617	32.656	32.480	11
75	32.553	.0588	32.661	32.498	11
100	32.809	.1856	33.160	32.500	11
125	33.331	.2742	33.711	32.877	11
150	33.675	.1411	33.860	33.410	11
175	33.826	.0415	33.905	33.755	11
200	33.867	.0310	33.918	33.826	11
225	33.890	.0312	33.939	33.850	11
250	33.901	.0319	33.958	33.864	11
300	33.936	.0370	33.982	33.870	11
400	34.008	.0234	34.039	33.971	11
500	34.086	.0244	34.114	34.050	10
600	34.163	.0172	34.194	34.146	10
700	34.230	.0172	34.263	34.213	10
800	34.286	.0139	34.308	34.268	10
900	34.333	.0152	34.353	34.309	10
1000	34.372	.0162	34.393	34.349	10
1200	34.435	.0142	34.450	34.410	9
1500	34.514	.0101	34.524	34.506	4
2000	34.601	.0069	34.608	34.592	4
2500	34.640	.0000	34.641	34.640	2
3000	34.662	.0115	34.669	34.655	2

SIGMA T

PRESS	MEAN	S.D.	MAX	MIN	N
0	25.497	.1415	25.672	25.245	11
10	25.500	.1245	25.651	25.289	11
20	25.510	.1114	25.651	25.289	11
30	25.516	.1120	25.666	25.289	11
50	25.521	.1147	25.691	25.293	11
75	25.532	.1110	25.706	25.309	11
100	25.758	.1419	25.922	25.464	11
125	26.205	.2025	26.435	25.814	11
150	26.498	.1120	26.578	26.284	11
175	26.639	.0485	26.697	26.524	11
200	26.703	.0346	26.748	26.614	11
225	26.755	.0279	26.791	26.689	11
250	26.796	.0260	26.829	26.739	11
300	26.869	.0259	26.895	26.821	11
400	26.978	.0196	27.004	26.952	11
500	27.074	.0167	27.098	27.046	10
600	27.160	.0092	27.176	27.149	10
700	27.233	.0103	27.247	27.219	10
800	27.298	.0085	27.311	27.283	10
900	27.354	.0098	27.371	27.336	10
1000	27.402	.0124	27.421	27.383	10
1200	27.482	.0120	27.496	27.462	9
1500	27.578	.0073	27.589	27.571	4
2000	27.678	.0078	27.686	27.669	4
2500	27.727	.0060	27.729	27.725	2
3000	27.753	.0094	27.759	27.748	2

SVA

PRESS	MEAN	S.D.	MAX	MIN	N
0	249.4	13.43	273.3	232.8	11
10	249.2	11.84	269.3	234.9	11
20	248.4	10.62	269.5	235.0	11
30	248.0	10.68	269.6	233.6	11
50	247.8	10.95	269.5	231.4	11
75	247.0	10.64	268.4	230.3	11
100	225.9	13.50	253.9	210.3	11
125	183.7	19.16	220.8	162.0	11
150	156.2	10.62	176.5	148.6	11
175	143.2	4.70	154.3	137.6	11
200	137.3	3.38	146.0	133.0	11
225	132.6	2.73	139.0	129.0	11
250	128.8	2.57	134.5	125.6	11
300	122.2	2.48	126.9	119.7	11
400	112.6	1.88	115.2	110.0	11
500	104.1	1.53	106.7	101.8	10
600	96.4	.84	97.5	95.0	10
700	90.1	.92	91.4	88.7	10
800	84.4	.74	85.8	83.1	10
900	79.4	.98	81.2	77.9	10
1000	75.2	1.16	77.0	73.4	10
1200	68.0	1.13	70.0	66.7	9
1500	59.4	.83	60.1	58.3	4
2000	50.8	.79	51.6	49.9	4
2500	46.9	.42	47.2	46.6	2
3000	45.2	.85	45.8	44.6	2

THETA

PRESS	MEAN	S.D.	MAX	MIN	N
0	6.98	.587	8.22	6.20	11
10	6.98	.576	8.22	6.07	11
20	6.97	.568	8.22	6.02	11
30	6.94	.579	8.22	5.92	11
50	6.90	.600	8.20	5.74	11
75	6.86	.604	8.17	5.65	11
100	6.68	.514	7.64	5.51	11
125	6.40	.371	7.10	5.70	11
150	6.23	.274	6.79	5.95	11
175	6.05	.267	6.51	5.75	11
200	5.80	.289	6.29	5.47	11
225	5.52	.294	6.03	5.16	11
250	5.25	.265	5.75	4.95	11
300	4.86	.185	5.15	4.63	11
400	4.38	.103	4.62	4.29	11
500	4.05	.053	4.15	4.00	10
600	3.79	.059	3.92	3.72	10
700	3.59	.068	3.72	3.48	10
800	3.37	.063	3.48	3.28	10
900	3.17	.045	3.25	3.09	10
1000	2.98	.033	3.04	2.93	10
1200	2.63	.031	2.69	2.59	9
1500	2.23	.043	2.29	2.19	4
2000	1.81	.036	1.85	1.78	4
2500	1.55	.028	1.57	1.53	2
3000	1.38	.007	1.38	1.37	2

SVA (THETA)

PRESS	MEAN	S.D.	MAX	MIN	N
0	249.4	13.43	273.3	232.8	11
10	249.1	11.85	269.2	234.8	11
20	248.1	10.62	269.2	234.7	11
30	247.6	10.64	269.1	233.3	11
50	247.1	10.89	268.7	230.9	11
75	246.0	10.55	267.1	229.4	11
100	224.5	13.47	252.4	208.9	11
125	182.0	19.24	219.1	160.1	11
150	154.1	10.65	174.5	146.5	11
175	140.7	4.63	151.7	135.2	11
200	134.6	3.29	143.1	130.4	11
225	129.7	2.63	135.9	126.3	11
250	125.8	2.46	131.2	122.7	11
300	118.9	2.46	123.4	116.4	11
400	108.5	1.87	110.9	105.9	11
500	99.3	1.56	102.0	97.1	10
600	91.1	.89	92.2	89.6	10
700	84.1	.96	85.4	82.8	10
800	77.9	.76	79.3	76.7	10
900	72.6	.99	74.3	71.0	10
1000	68.0	1.20	69.8	66.2	10
1200	60.3	1.11	62.3	59.0	9
1500	51.1	.77	51.8	50.0	4
2000	41.4	.65	42.2	40.7	4
2500	36.6	.28	36.8	36.4	2
3000	33.8	.78	34.3	33.2	2

STATION MP16 M A R C H 1956 to 1990

DELTA D

PRESS	MEAN	S.D.	MAX	MIN	N
0	.000	.0000	.000	.000	11
10	.251	.0130	.270	.230	11
20	.499	.0226	.540	.470	11
30	.747	.0352	.810	.700	11
50	1.245	.0534	1.350	1.180	11
75	1.864	.0798	2.020	1.760	11
100	2.469	.1002	2.640	2.310	11
125	2.978	.1072	3.120	2.820	11
150	3.399	.1160	3.560	3.220	11
175	3.772	.1250	3.960	3.590	11
200	4.122	.1292	4.310	3.940	11
225	4.457	.1326	4.640	4.270	11
250	4.786	.1368	4.990	4.600	11
300	5.414	.1428	5.640	5.220	11
400	6.586	.1571	6.850	6.370	11
500	7.676	.1685	7.930	7.430	10
600	8.677	.1722	8.930	8.420	10
700	9.611	.1738	9.850	9.350	10
800	10.481	.1772	10.710	10.220	10
900	11.301	.1848	11.530	11.030	10
1000	12.074	.1920	12.310	11.790	10
1200	13.523	.2055	13.750	13.190	9
1500	15.285	.2621	15.670	15.090	4
2000	18.050	.2787	18.460	17.870	4
2500	20.325	.0355	20.350	20.300	2
3000	22.625	.0494	22.660	22.590	2

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.00	.000	.00	.00	11
.01	.000	.01	.01	11
.05	.003	.05	.04	11
.11	.007	.12	.10	11
.32	.014	.34	.30	11
.71	.028	.77	.67	11
1.25	.051	1.32	1.16	11
1.83	.066	1.93	1.73	11
2.42	.100	2.64	2.29	11
3.04	.121	3.27	2.90	11
3.71	.133	3.94	3.56	11
4.44	.141	4.71	4.29	11
5.23	.150	5.54	5.06	11
6.99	.171	7.37	6.77	11
11.16	.218	11.67	10.87	11
16.12	.268	16.64	15.75	10
21.74	.296	22.21	21.31	10
27.91	.313	28.32	27.45	10
34.58	.347	34.97	34.09	10
41.67	.409	42.19	41.12	10
49.14	.500	49.82	48.42	10
65.21	.663	65.94	64.23	9
90.83	.842	92.06	90.22	4
140.03	1.237	141.72	138.75	4
195.39	1.641	196.55	194.23	2
259.79	2.165	261.32	258.26	2

OXYGEN

PRESS	MEAN	S.D.	MAX	MIN	N
0	6.92	.141	7.13	6.83	4
10	6.95	.135	7.08	6.80	4
20	6.94	.130	7.07	6.78	4
30	6.94	.121	7.07	6.81	4
50	6.96	.140	7.08	6.81	4
75	6.96	.154	7.10	6.79	4
100	6.42	.208	6.70	6.20	4
125	4.92	.310	5.21	4.50	4
150	4.19	.186	4.44	3.99	4
175	3.88	.224	4.07	3.65	4
200	3.58	.316	3.95	3.25	4
225	3.21	.349	3.64	2.89	4
250	2.87	.382	3.36	2.56	4
300	2.29	.314	2.66	1.98	4
400	1.55	.205	1.77	1.34	4
500	1.00	.125	1.10	.83	4
600	.72	.070	.78	.62	4
700	.52	.010	.53	.51	4
800	.42	.024	.46	.41	4
900	.40	.054	.45	.33	4
1000	.46	.091	.58	.36	4
1200	.61	.224	.94	.45	4
1500	.75	.068	.83	.70	3
2000	1.44	.052	1.47	1.38	2
2500	1.97	.064	2.02	1.93	2
3000	2.50	.071	2.55	2.45	2

SOUND

MEAN	S.D.	MAX	MIN	N
1476	2.1	1480	1473	11
1476	2.4	1481	1472	11
1476	2.2	1481	1472	11
1476	2.2	1481	1472	11
1476	2.2	1481	1472	11
1477	2.5	1482	1472	11
1477	2.1	1481	1472	11
1477	1.8	1480	1473	11
1477	1.1	1479	1475	11
1477	1.1	1479	1475	11
1476	1.1	1478	1475	11
1475	1.3	1478	1474	11
1475	1.0	1477	1474	11
1474	.9	1475	1473	11
1474	.7	1475	1473	11
1474	.3	1475	1474	10
1475	.0	1475	1475	10
1476	.4	1476	1475	10
1477	.5	1477	1476	10
1477	.4	1478	1477	10
1478	.4	1479	1478	10
1480	.3	1481	1480	9
1484	.0	1484	1484	4
1491	.6	1491	1490	4
1498	.0	1498	1498	2
1506	.0	1506	1506	2

DELTA DH

PRESS	MEAN	S.D.	MAX	MIN	N
0	12.073	.1922	12.310	11.792	10
10	11.822	.1831	12.062	11.558	10
20	11.571	.1745	11.812	11.323	10
30	11.322	.1668	11.562	11.088	10
50	10.823	.1524	11.061	10.617	10
75	10.199	.1377	10.437	10.027	10
100	9.588	.1352	9.824	9.401	10
125	9.080	.1143	9.275	8.934	10
150	8.663	.0998	8.803	8.526	10
175	8.293	.0933	8.420	8.170	10
200	7.944	.0878	8.067	7.827	10
225	7.607	.0829	7.723	7.492	10
250	7.281	.0786	7.390	7.169	10
300	6.653	.0702	6.755	6.556	10
400	5.479	.0538	5.564	5.405	10
500	4.398	.0396	4.463	4.338	10
600	3.395	.0313	3.449	3.354	10
700	2.462	.0251	2.507	2.430	10
800	1.590	.0179	1.621	1.561	10
900	.772	.0105	.788	.753	10
1000	.000	.0000	.000	.000	10
1200	-1.427	.0206	-1.401	-1.459	9
1500	-3.314	.0400	-3.270	-3.359	4
2000	-6.081	.0676	-5.990	-6.152	4
2500	-8.484	.1032	-8.411	-8.557	2
3000	-10.781	.1216	-10.695	-10.867	2

STATION MP16 A P R I L 1956 to 1990

TEMPERATURE

PRESS	MEAN	S.D.	MAX	MIN	N
0	6.83	.798	7.70	5.65	15
10	6.73	.774	7.71	5.65	15
20	6.70	.763	7.70	5.65	15
30	6.66	.746	7.70	5.65	15
50	6.58	.760	7.69	5.61	15
75	6.49	.731	7.55	5.55	15
100	6.37	.717	7.43	5.40	15
125	6.15	.537	7.03	5.50	15
150	5.99	.496	6.82	5.30	15
175	5.81	.494	6.61	5.02	15
200	5.58	.503	6.44	4.78	15
225	5.36	.513	6.27	4.59	15
250	5.17	.523	6.13	4.43	15
300	4.82	.485	5.73	4.17	14
400	4.34	.355	4.87	3.93	14
500	4.11	.240	4.42	3.74	11
600	3.85	.175	4.11	3.57	11
700	3.65	.165	3.91	3.43	11
800	3.46	.152	3.66	3.26	11
900	3.26	.111	3.41	3.12	11
1000	3.08	.088	3.24	2.96	11
1200	2.75	.054	2.88	2.69	11
1500	2.37	.032	2.42	2.33	10
2000	1.93	.028	1.95	1.91	2
2500	1.73	.021	1.74	1.71	2
3000	n/a	n/a	n/a	n/a	0

SALINITY

MEAN	S.D.	MAX	MIN	N
32.546	.0636	32.670	32.446	15
32.548	.0673	32.681	32.442	15
32.549	.0665	32.678	32.443	15
32.549	.0658	32.674	32.441	15
32.557	.0675	32.680	32.442	15
32.572	.0725	32.692	32.455	15
32.785	.3056	33.627	32.473	15
33.328	.2423	33.752	32.911	15
33.649	.1106	33.834	33.515	15
33.777	.0634	33.887	33.702	15
33.825	.0526	33.907	33.740	15
33.848	.0443	33.918	33.781	15
33.867	.0360	33.927	33.806	15
33.904	.0327	33.952	33.839	14
33.993	.0341	34.065	33.918	14
34.085	.0284	34.140	34.043	11
34.159	.0266	34.201	34.117	11
34.227	.0227	34.258	34.176	11
34.288	.0216	34.319	34.234	11
34.336	.0211	34.364	34.286	11
34.375	.0187	34.405	34.330	11
34.439	.0197	34.469	34.404	11
34.507	.0130	34.528	34.491	10
34.585	.0065	34.589	34.581	2
34.625	.0000	34.627	34.623	2
n/a	n/a	n/a	n/a	0

SIGMA T

PRESS	MEAN	S.D.	MAX	MIN	N
0	25.532	.1447	25.780	25.337	15
10	25.546	.1450	25.780	25.338	15
20	25.551	.1444	25.780	25.343	15
30	25.556	.1418	25.780	25.348	15
50	25.573	.1461	25.792	25.357	15
75	25.596	.1464	25.800	25.365	15
100	25.779	.2358	26.376	25.396	15
125	26.235	.1567	26.482	25.974	15
150	26.508	.0617	26.605	26.404	15
175	26.633	.0388	26.711	26.573	15
200	26.698	.0373	26.762	26.620	15
225	26.743	.0376	26.806	26.668	15
250	26.780	.0421	26.845	26.690	15
300	26.848	.0413	26.907	26.770	14
400	26.972	.0375	27.023	26.911	14
500	27.071	.0340	27.127	27.023	11
600	27.156	.0353	27.217	27.111	11
700	27.230	.0314	27.276	27.178	11
800	27.297	.0276	27.340	27.242	11
900	27.354	.0243	27.390	27.299	11
1000	27.401	.0211	27.436	27.351	11
1200	27.482	.0199	27.509	27.442	11
1500	27.569	.0101	27.586	27.552	10
2000	27.667	.0054	27.671	27.662	2
2500	27.715	.0022	27.715	27.714	2
3000	n/a	n/a	n/a	n/a	0

SVA

MEAN	S.D.	MAX	MIN	N
246.1	13.74	264.6	222.5	15
244.8	13.80	264.6	222.6	15
244.5	13.75	264.4	222.7	15
244.2	13.53	264.0	223.8	15
242.8	13.37	263.4	221.9	15
240.8	14.02	263.0	221.4	15
223.8	22.41	260.4	167.3	15
180.8	14.78	205.4	157.6	15
155.2	5.85	165.2	145.9	15
143.7	3.78	149.4	136.0	15
137.7	3.70	145.4	131.4	15
133.6	3.77	141.2	127.4	15
130.3	4.26	139.3	123.8	15
124.1	4.58	132.1	118.2	14
113.0	3.78	119.2	107.9	14
104.4	3.45	109.3	98.6	11
96.9	3.56	101.5	90.7	11
90.4	3.20	95.5	85.8	11
84.6	2.84	89.9	80.1	11
79.6	2.46	85.0	75.9	11
75.3	2.17	80.4	71.8	11
68.2	1.93	72.2	65.5	11
60.5	.93	62.3	58.9	10
51.8	.78	52.3	51.2	2
48.0	.07	48.0	47.9	2
n/a	n/a	n/a	n/a	0

THETA

PRESS	MEAN	S.D.	MAX	MIN	N
0	6.83	.798	7.70	5.65	15
10	6.73	.774	7.71	5.65	15
20	6.70	.763	7.70	5.65	15
30	6.66	.745	7.70	5.65	15
50	6.58	.759	7.69	5.61	15
75	6.48	.731	7.54	5.54	15
100	6.36	.715	7.42	5.40	15
125	6.14	.537	7.02	5.49	15
150	5.98	.495	6.81	5.29	15
175	5.79	.493	6.59	5.00	15
200	5.57	.503	6.42	4.76	15
225	5.34	.510	6.25	4.58	15
250	5.15	.522	6.11	4.41	15
300	4.80	.484	5.70	4.15	14
400	4.31	.355	4.84	3.90	14
500	4.07	.239	4.38	3.71	11
600	3.81	.174	4.06	3.53	11
700	3.60	.164	3.86	3.38	11
800	3.40	.152	3.61	3.20	11
900	3.20	.111	3.35	3.05	11
1000	3.01	.088	3.17	2.89	11
1200	2.67	.054	2.80	2.61	11
1500	2.27	.029	2.31	2.23	10
2000	1.79	.028	1.81	1.77	2
2500	1.54	.021	1.56	1.53	2
3000	n/a	n/a	n/a	n/a	0

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
246.1	13.74	264.6	222.5	15
244.7	13.78	264.5	222.5	15
244.3	13.73	264.0	222.5	15
243.8	13.48	263.5	222.5	15
242.1	13.90	262.7	221.3	15
239.9	13.91	261.8	220.5	15
222.5	22.41	258.8	165.8	15
179.1	14.88	204.0	155.7	15
153.2	5.87	163.1	144.0	15
141.3	3.68	147.0	133.9	15
135.2	3.52	142.5	129.1	15
130.9	3.54	137.9	124.9	15
127.3	3.98	135.8	121.2	15
120.8	3.89	128.2	115.3	14
109.0	3.55	114.8	104.2	14
99.6	3.33	104.1	94.3	11
91.5	3.33	95.7	85.7	11
84.4	2.96	89.3	80.1	11
78.0	2.61	83.2	73.9	11
72.6	2.29	77.8	69.2	11
68.0	2.02	72.8	64.7	11
60.3	1.83	64.0	57.7	11
52.0	.89	53.5	50.4	10
43.5	.64	43.0	42.1	2
37.8	.07	37.8	37.7	2
n/a	n/a	n/a	n/a	0

STATION MP16 A P R I L 1956 to 1990

DELTA D

PRESS	MEAN	S.D.	MAX	MIN	N
0	.000	.0000	.000	.000	15
10	.247	.0145	.270	.220	15
20	.493	.0269	.530	.450	15
30	.735	.0412	.790	.670	15
50	1.227	.0681	1.320	1.110	15
75	1.833	.1031	1.980	1.670	15
100	2.411	.1439	2.630	2.190	15
125	2.920	.1648	3.190	2.600	15
150	3.334	.1773	3.640	2.980	15
175	3.705	.1822	4.030	3.360	15
200	4.057	.1846	4.390	3.730	15
225	4.396	.1850	4.730	4.090	15
250	4.725	.1881	5.060	4.440	15
300	5.374	.1963	5.710	5.120	14
400	6.556	.2131	6.910	6.350	14
500	7.674	.2493	8.020	7.430	11
600	8.680	.2719	9.060	8.380	11
700	9.617	.2959	10.040	9.270	11
800	10.490	.3189	10.960	10.090	11
900	11.311	.3428	11.840	10.870	11
1000	12.085	.3648	12.670	11.610	11
1200	13.518	.3989	14.190	12.980	11
1500	15.506	.4061	16.210	15.010	10
2000	18.550	.1556	18.660	18.440	2
2500	21.040	.1839	21.170	20.910	2
3000	n/a	n/a	n/a	n/a	0

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.00	.000	.00	.00	15
.01	.000	.01	.01	15
.05	.000	.05	.05	15
.11	.007	.12	.10	15
.31	.019	.34	.28	15
.70	.039	.76	.64	15
1.22	.077	1.34	1.07	15
1.80	.110	1.97	1.53	15
2.38	.131	2.60	2.08	15
2.99	.143	3.25	2.70	15
3.66	.147	3.93	3.40	15
4.40	.152	4.68	4.18	15
5.20	.162	5.49	5.02	15
7.00	.188	7.32	6.75	14
11.21	.299	11.64	10.81	14
16.24	.474	16.75	15.53	11
21.88	.653	22.52	20.84	11
28.08	.853	29.01	26.70	11
34.76	1.072	36.07	33.03	11
41.86	1.272	43.64	39.78	11
49.35	1.487	51.65	46.90	11
65.43	1.898	68.75	62.20	11
92.28	2.979	96.40	89.08	10
142.99	.269	143.18	142.80	2
200.09	.905	200.73	199.45	2
n/a	n/a	n/a	n/a	0

OXYGEN

PRESS	MEAN	S.D.	MAX	MIN	N
0	6.58	.332	6.81	6.34	2
10	6.68	.205	6.83	6.54	2
20	6.69	.219	6.84	6.53	2
30	6.67	.219	6.83	6.52	2
50	6.67	.240	6.84	6.50	2
75	6.62	.240	6.79	6.45	2
100	5.50	1.202	6.35	4.65	2
125	4.16	1.259	5.05	3.27	2
150	3.56	.841	4.15	2.96	2
175	3.25	.658	3.72	2.79	2
200	3.01	.474	3.35	2.68	2
225	2.75	.417	3.05	2.46	2
250	2.52	.382	2.79	2.25	2
300	2.01	.333	2.25	1.78	2
400	1.27	.071	1.32	1.22	2
500	.85	.064	.90	.81	2
600	.61	.014	.62	.60	2
700	.52	.120	.60	.43	2
800	.42	.205	.57	.28	2
900	.40	.156	.51	.29	2
1000	.38	.113	.46	.30	2
1200	.44	.035	.47	.42	2
1500	.72	.064	.76	.67	2
2000	1.38	.064	1.43	1.34	2
2500	1.95	.113	2.03	1.87	2
3000	n/a	n/a	n/a	n/a	0

SOUND

MEAN	S.D.	MAX	MIN	N
1475	2.9	1478	1471	15
1475	2.9	1479	1471	15
1475	3.1	1479	1471	15
1475	3.0	1479	1471	15
1475	3.0	1479	1471	15
1475	2.8	1479	1471	15
1475	3.0	1479	1471	15
1475	2.3	1479	1473	15
1476	2.1	1479	1473	15
1476	2.2	1479	1472	15
1475	2.2	1479	1472	15
1474	2.0	1478	1471	15
1474	2.3	1478	1471	15
1474	1.8	1477	1471	14
1473	1.4	1476	1472	14
1474	1.1	1476	1473	11
1475	.8	1476	1474	11
1476	.7	1477	1475	11
1477	.7	1478	1476	11
1478	.5	1478	1477	11
1478	.5	1479	1478	11
1480	.5	1481	1480	11
1484	.0	1484	1484	10
1491	.7	1491	1490	2
1498	.0	1498	1498	2
n/a	n/a	n/a	n/a	0

DELTA DH

PRESS	MEAN	S.D.	MAX	MIN	N
0	12.085	.3636	12.665	11.610	11
10	11.835	.3538	12.401	11.361	11
20	11.587	.3445	12.139	11.112	11
30	11.339	.3344	11.876	10.865	11
50	10.845	.3149	11.348	10.373	11
75	10.229	.2931	10.695	9.756	11
100	9.649	.2689	10.037	9.210	11
125	9.144	.2675	9.485	8.727	11
150	8.730	.2643	9.081	8.306	11
175	8.356	.2598	8.706	7.931	11
200	8.003	.2527	8.339	7.588	11
225	7.661	.2441	7.979	7.260	11
250	7.329	.2348	7.629	6.943	11
300	6.688	.2143	6.956	6.333	11
400	5.498	.1760	5.751	5.206	11
500	4.410	.1414	4.644	4.176	11
600	3.405	.1091	3.607	3.229	11
700	2.468	.0787	2.628	2.343	11
800	1.594	.0496	1.701	1.515	11
900	.774	.0237	.827	.736	11
1000	.000	.0000	.000	.000	11
1200	-1.434	.0414	-1.366	-1.526	11
1500	-3.372	.0753	-3.252	-3.539	10
2000	-6.195	.0453	-6.163	-6.227	2
2500	-8.686	.0743	-8.633	-8.738	2
3000	n/a	n/a	n/a	n/a	0

STATION MP16 M A Y 1956 to 1990

TEMPERATURE

PRESS	MEAN	S.D.	MAX	MIN	N
0	8.08	.907	10.90	6.52	32
10	7.94	.787	10.35	6.52	32
20	7.76	.746	9.88	6.49	32
30	7.57	.665	8.86	6.35	32
50	7.13	.627	8.31	5.89	33
75	6.63	.602	7.91	5.54	33
100	6.33	.576	7.53	5.11	33
125	6.05	.400	6.92	5.43	33
150	5.93	.386	6.70	5.19	33
175	5.78	.369	6.45	4.83	32
200	5.55	.368	6.20	4.80	32
225	5.30	.369	5.90	4.58	32
250	5.06	.365	5.65	4.32	33
300	4.68	.326	5.31	3.80	33
400	4.23	.232	4.76	3.73	33
500	4.01	.153	4.36	3.73	33
600	3.80	.134	4.10	3.59	27
700	3.59	.110	3.89	3.41	27
800	3.40	.088	3.63	3.28	27
900	3.21	.057	3.33	3.12	26
1000	3.03	.040	3.10	2.94	26
1200	2.72	.035	2.81	2.67	25
1500	2.35	.029	2.40	2.29	17
2000	1.94	.014	1.95	1.92	4
2500	1.72	.017	1.73	1.70	3
3000	1.59	.012	1.60	1.58	3

SALINITY

MEAN	S.D.	MAX	MIN	N
32.545	.0752	32.685	32.400	32
32.539	.0774	32.660	32.400	32
32.542	.0755	32.660	32.400	32
32.547	.0776	32.660	32.388	32
32.563	.0729	32.687	32.431	33
32.604	.0733	32.811	32.498	33
32.741	.1911	33.246	32.554	33
33.210	.2806	33.690	32.663	33
33.606	.1543	33.842	33.390	33
33.763	.0732	33.895	33.575	32
33.823	.0494	33.925	33.698	32
33.845	.0441	33.932	33.740	32
33.860	.0417	33.938	33.774	32
33.895	.0358	33.958	33.823	33
33.991	.0255	34.048	33.929	33
34.085	.0240	34.148	34.041	27
34.164	.0253	34.217	34.118	27
34.232	.0262	34.284	34.189	27
34.289	.0239	34.336	34.247	27
34.332	.0199	34.373	34.295	26
34.375	.0200	34.413	34.334	26
34.437	.0181	34.477	34.396	25
34.508	.0190	34.537	34.470	17
34.580	.0059	34.586	34.569	4
34.619	.0118	34.630	34.604	3
34.653	.0022	34.654	34.652	3

SIGMA T

PRESS	MEAN	S.D.	MAX	MIN	N
0	25.356	.1507	25.657	24.868	32
10	25.373	.1469	25.649	24.891	32
20	25.400	.1444	25.658	24.969	32
30	25.432	.1333	25.678	25.121	32
50	25.506	.1220	25.738	25.262	33
75	25.605	.1096	25.802	25.348	33
100	25.751	.1604	26.116	25.467	33
125	26.155	.2020	26.445	25.724	33
150	26.484	.1008	26.664	26.250	33
175	26.625	.0485	26.710	26.516	32
200	26.700	.0341	26.768	26.641	32
225	26.748	.0292	26.815	26.681	32
250	26.787	.0300	26.860	26.717	33
300	26.858	.0293	26.922	26.795	33
400	26.982	.0250	27.033	26.935	33
500	27.081	.0255	27.117	27.032	27
600	27.164	.0242	27.207	27.123	27
700	27.239	.0215	27.284	27.196	27
800	27.303	.0184	27.345	27.273	27
900	27.356	.0147	27.381	27.329	26
1000	27.407	.0158	27.432	27.376	26
1200	27.483	.0152	27.515	27.453	25
1500	27.571	.0143	27.592	27.543	17
2000	27.662	.0059	27.666	27.655	4
2500	27.711	.0108	27.721	27.698	3
3000	27.747	.0000	27.747	27.746	3

SVA

MEAN	S.D.	MAX	MIN	N
262.8	14.33	309.2	234.2	32
261.3	14.00	307.2	235.1	32
258.9	13.76	300.0	234.3	32
256.0	12.72	285.7	232.5	32
249.2	11.65	272.5	227.0	32
240.1	10.50	264.7	221.1	33
226.4	15.25	253.7	191.9	33
188.3	19.10	229.2	161.1	33
157.5	9.50	179.5	140.4	33
144.4	4.62	154.6	136.1	32
137.5	3.32	143.3	130.7	32
133.1	2.87	139.7	126.5	32
129.6	2.97	136.5	122.3	33
123.1	2.92	129.4	116.8	33
111.9	2.51	116.7	107.0	33
103.3	2.52	108.0	99.9	33
96.0	2.39	100.1	91.8	27
89.4	2.08	93.6	85.1	27
83.9	1.76	86.7	79.8	27
79.2	1.38	81.6	77.1	26
74.7	1.49	77.6	72.5	26
68.0	1.43	70.7	65.0	25
60.2	1.29	62.7	58.4	17
52.5	.36	53.7	51.9	4
48.3	1.11	49.5	47.3	3
45.7	.06	45.8	45.7	3

THETA

PRESS	MEAN	S.D.	MAX	MIN	N
0	8.08	.907	10.90	6.52	32
10	7.94	.787	10.35	6.52	32
20	7.76	.747	9.88	6.48	32
30	7.57	.666	8.86	6.35	32
50	7.12	.627	8.30	5.89	33
75	6.63	.601	7.90	5.54	33
100	6.33	.576	7.52	5.11	33
125	6.04	.400	6.91	5.42	33
150	5.91	.386	6.69	5.17	33
175	5.77	.369	6.44	4.82	32
200	5.54	.368	6.19	4.78	32
225	5.28	.368	5.88	4.56	32
250	5.05	.365	5.63	4.30	33
300	4.66	.325	5.29	3.97	33
400	4.20	.231	4.72	3.70	33
500	3.97	.153	4.33	3.70	33
600	3.76	.134	4.06	3.55	27
700	3.54	.108	3.83	3.36	27
800	3.34	.087	3.57	3.22	27
900	3.15	.057	3.27	3.06	26
1000	2.98	.040	3.03	2.87	26
1200	2.64	.035	2.73	2.59	25
1500	2.25	.029	2.30	2.19	17
2000	1.80	.014	1.81	1.78	4
2500	1.54	.017	1.55	1.52	3
3000	1.37	.010	1.38	1.36	3

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
262.8	14.33	309.2	234.2	32
261.2	13.97	307.0	234.9	32
258.6	13.74	299.6	234.1	32
255.5	12.68	285.1	232.1	32
248.5	11.59	271.6	226.4	33
239.0	10.41	263.5	220.3	33
225.1	15.23	252.1	190.5	33
186.7	19.18	229.7	159.2	33
155.5	9.56	177.7	138.4	33
142.1	4.60	152.4	134.0	32
134.9	3.23	140.5	128.5	32
130.4	2.73	136.7	124.1	32
126.7	2.84	133.3	119.7	33
119.9	2.75	125.8	113.8	33
108.0	2.35	112.5	103.4	33
98.7	2.41	103.3	95.2	33
90.7	2.27	94.6	86.7	27
83.5	2.04	87.6	79.3	27
77.4	1.74	80.3	73.5	27
72.4	1.40	74.9	70.0	26
67.6	1.52	70.5	65.2	26
60.3	1.42	63.0	57.5	25
51.8	1.36	54.5	49.8	17
42.9	.48	43.6	42.5	4
38.1	1.07	39.3	37.2	3
34.4	.06	34.5	34.4	3

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DELTA D

PRESS	MEAN	S.D.	MAX	MIN	N
0	.000	.0000	.000	.000	32
10	.263	.0143	.310	.240	32
20	.523	.0286	.620	.470	32
30	.782	.0406	.910	.710	32
50	1.288	.0635	1.470	1.160	32
75	1.899	.0877	2.130	1.730	32
100	2.483	.1027	2.690	2.280	32
125	3.004	.1100	3.260	2.760	32
150	3.432	.1210	3.680	3.150	32
175	3.808	.1279	4.050	3.500	32
200	4.159	.1354	4.410	3.830	32
225	4.496	.1392	4.750	4.150	32
250	4.824	.1431	5.080	4.460	32
300	5.455	.1530	5.730	5.060	32
400	6.628	.1706	6.930	6.180	32
500	7.703	.1881	8.030	7.210	27
600	8.698	.2051	9.050	8.190	27
700	9.625	.2235	10.020	9.080	27
800	10.490	.2394	10.920	9.920	27
900	11.302	.2568	11.760	10.720	26
1000	12.072	.2683	12.550	11.470	26
1200	13.481	.2894	14.010	12.840	25
1500	15.375	.3667	15.970	14.730	17
2000	18.642	.1268	18.810	18.530	4
2500	21.077	.0764	21.160	21.010	3
3000	23.430	.1015	23.520	23.320	3

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.00	.000	.00	.00	32
.01	.002	.02	.01	32
.05	.004	.06	.05	32
.13	.007	.14	.11	32
.25	.017	.27	.29	32
.72	.033	.79	.65	32
1.24	.050	1.35	1.14	32
1.83	.072	2.00	1.68	32
2.43	.106	2.59	2.21	32
3.05	.127	3.26	2.80	32
3.72	.139	3.97	3.44	32
4.45	.152	4.72	4.14	32
5.25	.162	5.53	4.89	32
6.25	.162	6.53	5.96	32
7.02	.192	7.33	6.56	32
11.20	.364	11.64	10.56	27
16.12	.363	16.78	15.29	27
21.70	.476	22.55	20.72	27
27.83	.604	28.96	26.66	27
34.45	.734	35.86	33.07	27
41.50	.874	43.12	39.98	26
48.95	.994	50.75	47.27	26
64.88	1.333	67.12	62.61	25
91.21	2.089	94.03	88.45	17
144.15	.519	144.54	143.44	4
201.17	.791	201.77	200.27	3
267.08	1.807	268.41	265.02	3

OXYGEN

PRESS	MEAN	S.D.	MAX	MIN	N
0	6.99	.051	7.05	6.94	4
10	6.98	.117	7.08	6.82	4
20	7.03	.057	7.09	6.97	4
30	7.05	.057	7.09	6.97	4
50	7.04	.075	7.11	6.95	4
75	6.99	.091	7.08	6.88	4
100	6.75	.355	6.97	6.22	4
125	5.97	1.014	6.68	4.47	4
150	4.78	.674	5.50	4.01	4
175	4.31	.352	4.62	4.00	4
200	3.95	.276	4.23	3.62	4
225	3.46	.162	3.61	3.23	4
250	3.11	.251	3.42	2.87	4
300	2.47	.167	2.72	2.36	4
400	1.50	.108	1.59	1.39	4
500	.99	.081	1.06	.91	4
600	.75	.124	.92	.63	4
700	.58	.121	.75	.46	4
800	.46	.093	.60	.40	4
900	.42	.042	.48	.39	4
1000	.38	.021	.40	.36	4
1200	.45	.054	.53	.40	4
1500	.78	.141	.93	.65	3
2000	1.38	.067	1.46	1.34	3
2500	1.88	.234	2.09	1.63	3
3000	2.50	.061	2.57	2.45	3

SOUND

MEAN	S.D.	MAX	MIN	N
1480	3.4	1490	1474	32
1480	3.1	1489	1474	32
1479	2.9	1487	1474	32
1478	2.5	1483	1474	32
1477	2.6	1482	1472	32
1476	2.5	1481	1471	32
1475	2.4	1480	1470	32
1475	1.8	1478	1472	32
1475	1.8	1479	1472	32
1475	1.6	1478	1471	32
1475	1.6	1478	1472	32
1474	1.6	1477	1471	32
1474	1.6	1476	1471	32
1473	1.4	1476	1470	32
1473	1.0	1475	1471	32
1474	.6	1475	1473	27
1475	.6	1476	1474	27
1476	.6	1477	1475	27
1476	.5	1477	1476	27
1477	.4	1478	1477	26
1478	.3	1479	1478	26
1480	.3	1481	1480	25
1484	.0	1484	1484	17
1491	.6	1491	1490	4
1498	.0	1498	1498	3
1506	.0	1506	1506	3

DELTA DH

PRESS	MEAN	S.D.	MAX	MIN	N
0	12.072	.2684	12.549	11.471	26
10	11.909	.2599	12.280	11.229	26
20	11.749	.2525	12.014	10.989	26
30	11.591	.2465	11.751	10.757	26
50	10.783	.2370	11.228	10.286	26
75	10.170	.2249	10.594	9.738	26
100	9.584	.2139	9.974	9.182	26
125	9.066	.1887	9.402	8.707	26
150	8.642	.1723	8.947	8.323	26
175	8.271	.1683	8.570	7.974	26
200	7.920	.1628	8.209	7.640	26
225	7.583	.1569	7.863	7.318	26
250	7.255	.1506	7.523	7.007	26
300	6.622	.1376	6.870	6.407	26
400	5.448	.1136	5.650	5.272	26
500	4.373	.0915	4.529	4.197	26
600	3.377	.0691	3.498	3.242	26
700	2.450	.0476	2.529	2.355	26
800	1.585	.0297	1.637	1.531	26
900	.770	.0139	.795	.748	26
1000	.000	.0000	.000	.000	26
1200	-1.424	.0318	-1.363	-1.477	17
1500	-3.344	.0779	-3.216	-3.463	4
2000	-6.261	.0215	-6.233	-6.285	3
2500	-8.753	.0356	-8.713	-8.781	3
3000	-11.105	.0727	-11.022	-11.156	3

STATION MP16 J U N E 1956 to 1990

TEMPERATURE

PRESS	MEAN	S.D.	MAX	MIN	N
0	10.61	1.090	13.40	9.00	17
10	10.44	.805	11.60	8.93	17
20	10.27	.888	11.45	8.68	17
30	9.51	.804	11.00	7.84	17
50	7.72	.649	8.87	6.18	17
75	6.73	.731	8.17	5.50	17
100	6.24	.589	7.16	5.16	17
125	6.01	.344	6.57	5.51	17
150	5.93	.316	6.50	5.53	17
175	5.75	.338	6.38	5.17	17
200	5.53	.307	6.17	5.19	17
225	5.29	.306	5.92	4.89	17
250	5.07	.298	5.69	4.71	17
300	4.67	.279	5.27	4.32	16
400	4.25	.224	4.64	3.96	13
500	3.99	.183	4.37	3.76	12
600	3.77	.117	4.01	3.64	12
700	3.58	.092	3.71	3.46	12
800	3.39	.093	3.57	3.26	12
900	3.22	.086	3.41	3.09	12
1000	3.04	.071	3.21	2.95	12
1200	2.73	.042	2.81	2.66	12
1500	2.37	.030	2.41	2.33	9
2000	1.90	n/a	n/a	n/a	1
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0

SALINITY

MEAN	S.D.	MAX	MIN	N
32.489	.1077	32.630	32.310	17
32.480	.1072	32.630	32.309	17
32.485	.1042	32.630	32.309	17
32.503	.1035	32.630	32.310	17
32.544	.0809	32.640	32.370	17
32.600	.0925	32.730	32.410	17
32.798	.1322	32.989	32.555	17
33.226	.1987	33.443	32.788	17
33.606	.0996	33.727	33.412	17
33.756	.0734	33.864	33.609	17
33.820	.0512	33.889	33.720	17
33.845	.0452	33.923	33.760	17
33.856	.0436	33.945	33.779	17
33.883	.0451	33.972	33.813	16
33.975	.0462	34.041	33.882	13
34.075	.0453	34.151	33.995	12
34.152	.0477	34.218	34.059	12
34.226	.0439	34.277	34.128	12
34.283	.0414	34.336	34.186	12
34.330	.0371	34.377	34.243	12
34.368	.0375	34.416	34.278	12
34.429	.0375	34.476	34.340	12
34.513	.0216	34.557	34.487	9
34.601	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

SIGMA T

PRESS	MEAN	S.D.	MAX	MIN	N
0	24.907	.2180	25.186	24.270	17
10	24.933	.1542	25.159	24.616	17
20	24.965	.1711	25.209	24.627	17
30	25.105	.1868	25.439	24.726	17
50	25.409	.1258	25.578	25.179	17
75	25.587	.1438	25.791	25.320	17
100	25.806	.1185	26.029	25.591	17
125	26.173	.1455	26.375	25.835	17
150	26.483	.0779	26.604	26.344	17
175	26.656	.0545	26.703	26.536	17
200	26.700	.0437	26.768	26.599	17
225	26.748	.0417	26.805	26.654	17
250	26.783	.0422	26.831	26.683	17
300	26.850	.0447	26.906	26.747	16
400	26.968	.0463	27.021	26.881	13
500	27.075	.0414	27.116	26.985	12
600	27.159	.0402	27.216	27.070	12
700	27.236	.0374	27.282	27.145	12
800	27.299	.0374	27.344	27.205	12
900	27.353	.0349	27.394	27.266	12
1000	27.400	.0348	27.442	27.312	12
1200	27.476	.0321	27.514	27.398	12
1500	27.574	.0188	27.610	27.549	9
2000	27.682	n/a	n/a	n/a	1
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0

SVA

MEAN	S.D.	MAX	MIN	N
305.5	20.76	366.2	278.9	17
303.3	14.70	333.4	281.7	17
300.3	16.29	332.6	277.1	17
287.3	17.83	323.4	255.3	17
258.5	12.02	280.4	242.3	17
241.7	13.77	267.4	222.3	17
221.2	11.32	241.7	199.9	17
186.6	13.78	218.7	167.4	17
157.5	7.41	170.7	146.1	17
144.3	5.18	152.6	136.9	17
137.3	4.21	147.1	130.8	17
133.1	4.03	142.1	127.3	17
129.9	4.12	139.7	125.3	17
123.8	4.34	133.9	118.5	16
113.3	4.49	121.8	108.1	13
103.8	4.00	112.5	99.8	12
96.5	3.81	105.0	91.5	12
89.7	3.58	98.4	85.3	12
84.3	3.61	93.4	80.0	12
79.3	3.40	88.1	75.6	12
75.3	3.36	84.0	71.4	12
68.7	3.03	76.1	65.1	12
60.0	1.78	62.4	56.6	9
50.2	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

THETA

PRESS	MEAN	S.D.	MAX	MIN	N
0	10.61	1.090	13.40	9.00	17
10	10.44	.804	11.60	8.93	17
20	10.27	.887	11.44	8.68	17
30	9.51	.803	10.99	7.84	17
50	7.71	.648	8.87	6.17	17
75	6.72	.730	8.16	5.49	17
100	6.24	.587	7.15	5.16	17
125	6.00	.345	6.56	5.50	17
150	5.92	.314	6.48	5.52	17
175	5.75	.337	6.37	5.15	17
200	5.53	.305	6.15	5.17	17
225	5.29	.304	5.90	4.88	17
250	5.05	.298	5.67	4.69	17
300	4.64	.280	5.24	4.29	16
400	4.22	.224	4.61	3.93	13
500	3.95	.181	4.33	3.73	12
600	3.72	.117	3.97	3.60	12
700	3.53	.092	3.66	3.41	12
800	3.34	.091	3.51	3.21	12
900	3.15	.087	3.35	3.03	12
1000	2.97	.071	3.14	2.88	12
1200	2.65	.044	2.73	2.57	12
1500	2.26	.030	2.31	2.23	9
2000	1.77	n/a	n/a	n/a	1
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
305.5	20.76	366.2	278.9	17
303.1	14.69	333.2	281.5	17
299.9	16.28	332.2	276.7	17
286.7	17.76	322.4	254.8	17
257.7	11.96	279.5	241.6	17
240.7	13.67	266.1	221.4	17
219.9	11.27	240.4	198.7	17
185.0	13.82	217.1	165.8	17
155.5	7.40	168.7	144.1	17
142.0	5.16	150.5	134.7	17
134.9	4.13	144.5	128.5	17
130.4	3.95	139.3	125.0	17
127.0	3.99	136.5	121.5	17
120.6	4.21	130.4	115.4	16
109.4	4.39	117.6	104.4	13
99.2	3.93	107.7	95.4	12
91.5	3.80	99.6	85.8	12
83.9	3.57	92.4	79.5	12
77.8	3.54	86.7	73.6	12
72.7	3.59	80.9	68.8	12
68.1	3.53	76.5	64.2	12
60.9	3.03	66.3	57.1	12
51.5	1.76	53.8	48.1	9
41.1	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

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DELTA D

PRESS	MEAN	S.D.	MAX	MIN	N
0	.000	.0000	.000	.000	17
10	.305	.0177	.350	.280	17
20	.608	.0319	.680	.560	17
30	.905	.0465	1.010	.840	17
50	1.448	.0690	1.610	1.340	17
75	2.075	.0972	2.280	1.960	17
100	2.652	.1199	2.890	2.490	17
125	3.164	.1264	3.380	2.960	17
150	3.589	.1392	3.800	3.340	17
175	3.966	.1482	4.180	3.700	17
200	4.316	.1568	4.540	4.030	17
225	4.654	.1652	4.900	4.360	17
250	4.981	.1711	5.250	4.680	17
300	5.636	.1732	5.930	5.370	16
400	6.798	.2111	7.200	6.510	13
500	7.879	.2596	8.380	7.550	12
600	8.877	.2926	9.460	8.500	12
700	9.809	.3242	10.480	9.380	12
800	10.679	.3573	11.430	10.210	12
900	11.497	.3894	12.340	10.990	12
1000	12.271	.4204	13.200	11.720	12
1200	13.707	.4785	14.790	13.080	12
1500	15.490	.4190	16.130	14.900	9
2000	18.370	n/a	n/a	n/a	1
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.00	.000	.00	.00	17
.02	.004	.02	.01	17
.06	.005	.07	.06	17
.14	.008	.15	.13	17
.36	.015	.39	.34	17
.76	.037	.83	.71	17
1.27	.061	1.38	1.18	17
1.86	.078	1.98	1.71	17
2.46	.106	2.64	2.26	17
3.07	.125	3.30	2.84	17
3.75	.142	4.00	3.49	17
4.48	.159	4.76	4.19	17
5.27	.179	5.58	4.95	17
7.07	.215	7.42	6.75	16
11.27	.366	11.95	10.79	13
16.20	.553	17.34	15.56	12
21.80	.767	23.42	20.91	12
27.97	.997	30.13	26.73	12
34.61	1.265	37.46	33.05	12
41.69	1.563	45.31	39.78	12
49.18	1.881	53.64	46.89	12
65.30	2.535	71.48	62.16	12
90.86	2.511	95.35	87.08	9
140.24	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

OXYGEN

PRESS	MEAN	S.D.	MAX	MIN	N
0	n/a	n/a	n/a	n/a	0
10	n/a	n/a	n/a	n/a	0
20	n/a	n/a	n/a	n/a	0
30	n/a	n/a	n/a	n/a	0
50	n/a	n/a	n/a	n/a	0
75	n/a	n/a	n/a	n/a	0
100	n/a	n/a	n/a	n/a	0
125	n/a	n/a	n/a	n/a	0
150	n/a	n/a	n/a	n/a	0
175	n/a	n/a	n/a	n/a	0
200	n/a	n/a	n/a	n/a	0
225	n/a	n/a	n/a	n/a	0
250	n/a	n/a	n/a	n/a	0
300	n/a	n/a	n/a	n/a	0
400	n/a	n/a	n/a	n/a	0
500	n/a	n/a	n/a	n/a	0
600	n/a	n/a	n/a	n/a	0
700	n/a	n/a	n/a	n/a	0
800	n/a	n/a	n/a	n/a	0
900	n/a	n/a	n/a	n/a	0
1000	n/a	n/a	n/a	n/a	0
1200	n/a	n/a	n/a	n/a	0
1500	n/a	n/a	n/a	n/a	0
2000	n/a	n/a	n/a	n/a	0
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0

SOUND

MEAN	S.D.	MAX	MIN	N
1489	4.0	1499	1483	17
1489	3.0	1493	1483	17
1489	3.2	1493	1483	17
1486	3.8	1491	1480	17
1479	3.6	1484	1473	17
1476	3.8	1482	1471	17
1475	2.5	1479	1470	17
1475	1.5	1477	1473	17
1475	1.3	1478	1474	17
1475	1.4	1478	1473	17
1475	1.2	1478	1474	17
1474	1.3	1477	1473	17
1474	1.3	1477	1472	17
1473	1.2	1476	1472	16
1473	1.0	1475	1472	13
1474	.8	1475	1473	13
1475	.7	1476	1474	13
1476	.5	1476	1475	13
1476	.5	1477	1476	12
1477	.5	1478	1477	12
1478	.5	1479	1478	12
1480	.5	1481	1480	12
1484	.0	1484	1484	9
1490	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

DELTA DH

PRESS	MEAN	S.D.	MAX	MIN	N
0	12.270	.4221	13.202	11.721	12
10	11.964	.4140	12.881	11.415	12
20	11.659	.4071	12.560	11.111	12
30	11.363	.3984	12.339	10.822	12
50	10.816	.3804	11.835	10.313	12
75	10.188	.3575	10.957	9.712	12
100	9.510	.3366	10.342	9.165	12
125	9.102	.3329	9.853	8.695	12
150	8.679	.3250	9.430	8.311	12
175	8.306	.3148	9.042	7.954	12
200	7.954	.3043	8.668	7.613	12
225	7.616	.2949	8.307	7.283	12
250	7.287	.2849	7.955	6.964	12
300	6.654	.2627	7.273	6.356	12
400	5.473	.2189	6.002	5.212	12
500	4.391	.1785	4.826	4.169	12
600	3.392	.1398	3.740	3.217	12
700	2.461	.1045	2.726	2.338	12
800	1.592	.0688	1.767	1.511	12
900	.774	.0338	.861	.735	12
1000	.000	.0000	.000	.000	12
1200	-1.437	.0604	-1.363	-1.591	12
1500	-3.337	.0974	-3.178	-3.488	9
2000	-6.072	n/a	n/a	n/a	1
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0

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TEMPERATURE

PRESS	MEAN	S.D.	MAX	MIN	N
0	11.63	.907	13.66	10.40	11
10	11.59	.925	13.56	10.40	11
20	11.12	.698	12.49	10.01	11
30	9.65	.973	11.37	7.68	11
50	7.84	.949	9.54	6.15	11
75	6.91	.777	8.15	5.55	11
100	6.45	.684	7.38	5.33	11
125	6.21	.502	6.70	5.36	11
150	5.94	.389	6.33	5.18	11
175	5.73	.307	6.04	5.30	11
200	5.49	.286	5.84	5.09	11
225	5.24	.265	5.54	4.77	11
250	5.05	.260	5.36	4.51	11
300	4.69	.264	4.97	4.22	11
400	4.27	.217	4.48	3.96	11
500	4.05	.067	4.12	3.91	8
600	3.84	.042	3.91	3.78	8
700	3.65	.049	3.74	3.59	7
800	3.46	.038	3.51	3.41	7
900	3.25	.032	3.29	3.21	7
1000	3.04	.020	3.07	3.02	7
1200	2.72	.024	2.76	2.70	6
1500	2.35	.052	2.42	2.31	4
2000	1.92	n/a	n/a	n/a	1
2500	1.70	n/a	n/a	n/a	1
3000	1.59	n/a	n/a	n/a	1

SALINITY

MEAN	S.D.	MAX	MIN	N
32.455	.0714	32.605	32.330	11
32.449	.0582	32.544	32.333	11
32.456	.0657	32.598	32.350	11
32.493	.0580	32.612	32.417	11
32.531	.0512	32.642	32.456	11
32.567	.0513	32.657	32.486	11
32.746	.1090	32.934	32.541	11
33.200	.2632	33.540	32.725	11
33.573	.1633	33.756	33.230	11
33.743	.0676	33.830	33.643	11
33.806	.0527	33.871	33.721	11
33.830	.0445	33.877	33.752	11
33.851	.0373	33.888	33.779	11
33.892	.0334	33.939	33.838	11
33.979	.0226	34.007	33.930	11
34.077	.0147	34.097	34.060	8
34.158	.0064	34.167	34.148	8
34.228	.0123	34.244	34.207	7
34.286	.0156	34.317	34.271	7
34.333	.0145	34.361	34.314	7
34.371	.0177	34.407	34.352	7
34.431	.0118	34.451	34.417	6
34.498	.0083	34.506	34.487	4
34.614	n/a	n/a	n/a	1
34.629	n/a	n/a	n/a	1
34.659	n/a	n/a	n/a	1

SIGMA T

PRESS	MEAN	S.D.	MAX	MIN	N
0	24.702	.1930	24.947	24.219	11
10	24.706	.1893	24.938	24.242	11
20	24.797	.1584	25.008	24.464	11
30	25.072	.1811	25.375	24.757	11
50	25.380	.1589	25.601	25.104	11
75	25.536	.1505	25.697	25.324	11
100	25.738	.1586	25.995	25.556	11
125	26.159	.1848	26.369	25.829	11
150	26.455	.0972	26.563	26.275	11
175	26.616	.0301	26.651	26.551	11
200	26.695	.0161	26.716	26.674	11
225	26.743	.0137	26.767	26.725	11
250	26.782	.0137	26.801	26.758	11
300	26.854	.0144	26.877	26.829	11
400	26.970	.0144	26.991	26.941	11
500	27.070	.0106	27.084	27.053	8
600	27.156	.0081	27.164	27.141	8
700	27.230	.0099	27.245	27.220	7
800	27.295	.0116	27.317	27.284	7
900	27.353	.0103	27.371	27.337	7
1000	27.402	.0127	27.428	27.389	7
1200	27.479	.0104	27.495	27.463	6
1500	27.564	.0097	27.570	27.549	4
2000	27.691	n/a	n/a	n/a	1
2500	27.720	n/a	n/a	n/a	1
3000	27.752	n/a	n/a	n/a	1

SVA

MEAN	S.D.	MAX	MIN	N
325.0	18.41	371.1	301.7	11
324.9	18.04	369.1	302.8	11
316.4	15.11	348.2	296.5	11
300.3	12.28	320.4	281.5	11
291.3	15.13	307.7	270.1	11
246.6	11.60	264.0	231.1	11
227.7	11.33	245.2	203.0	11
191.0	17.49	219.1	168.2	11
160.2	9.12	177.9	150.1	11
145.5	2.79	151.5	142.0	11
138.0	1.47	139.8	135.9	11
133.5	1.27	135.0	131.3	11
130.0	1.52	132.4	128.3	11
123.3	1.41	126.0	121.5	11
113.3	1.46	116.0	111.0	11
104.4	.95	106.0	103.6	8
96.9	.80	98.4	96.1	8
90.4	.91	91.7	89.0	7
84.7	.99	85.7	82.8	7
79.6	.95	81.1	78.0	7
75.3	1.30	76.4	73.8	7
68.4	.83	69.9	66.9	6
60.8	1.18	62.4	60.1	4
49.5	n/a	n/a	n/a	1
47.4	n/a	n/a	n/a	1
45.3	n/a	n/a	n/a	1

THETA

PRESS	MEAN	S.D.	MAX	MIN	N
0	11.63	.907	13.66	10.40	11
10	11.59	.925	13.56	10.40	11
20	11.12	.698	12.49	10.01	11
30	9.65	.973	11.37	7.68	11
50	7.84	.945	9.54	6.15	11
75	6.90	.776	8.15	5.54	11
100	6.45	.681	7.38	5.33	11
125	6.20	.502	6.70	5.36	11
150	5.93	.388	6.33	5.18	11
175	5.71	.307	6.04	5.30	11
200	5.47	.286	5.84	5.09	11
225	5.22	.266	5.54	4.77	11
250	5.03	.258	5.36	4.51	11
300	4.67	.264	4.97	4.22	11
400	4.24	.217	4.45	3.96	11
500	4.01	.067	4.08	3.87	8
600	3.80	.042	3.87	3.74	8
700	3.60	.049	3.69	3.54	7
800	3.40	.037	3.45	3.35	7
900	3.19	.032	3.23	3.15	7
1000	2.97	.020	3.00	2.95	7
1200	2.64	.024	2.68	2.62	6
1500	2.25	.047	2.31	2.21	4
2000	1.49	n/a	n/a	n/a	1
2500	1.33	n/a	n/a	n/a	1
3000	1.37	n/a	n/a	n/a	1

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
325.0	18.41	371.1	301.7	11
324.6	18.06	368.9	302.5	11
316.0	15.09	347.7	295.9	11
299.7	12.22	319.7	281.0	11
290.5	15.11	306.7	269.4	11
245.3	11.46	263.8	230.3	11
226.4	12.36	243.9	201.9	11
189.4	17.82	217.7	166.4	11
158.2	9.33	175.3	148.0	11
142.9	2.83	149.1	139.6	11
135.4	1.52	137.4	133.4	11
130.8	1.28	132.5	128.6	11
127.1	1.30	128.3	125.3	11
120.2	1.35	122.6	118.1	11
109.3	1.32	111.9	107.3	11
99.3	.95	101.3	98.0	8
91.5	.76	92.9	90.7	8
84.4	.90	85.4	83.0	7
78.2	1.04	79.2	76.1	7
72.7	.96	74.2	71.0	7
68.0	1.22	69.2	65.5	7
60.8	.85	62.1	59.1	6
52.4	.94	53.8	51.8	4
40.2	n/a	n/a	n/a	1
37.3	n/a	n/a	n/a	1
34.6	n/a	n/a	n/a	1

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DELTA D

PRESS	MEAN	S.D.	MAX	MIN	N
0	.000	.0000	.000	.000	11
10	.327	.0195	.370	.300	11
20	.650	.0319	.730	.610	11
30	.955	.0439	1.070	.900	11
50	1.504	.0644	1.670	1.450	11
75	2.134	.0938	2.350	2.040	11
100	2.727	.1182	2.970	2.570	11
125	3.252	.1340	3.510	3.050	11
150	3.688	.1498	3.980	3.460	11
175	4.069	.1626	4.390	3.830	11
200	4.423	.1633	4.750	4.190	11
225	4.761	.1636	5.090	4.530	11
250	5.089	.1619	5.420	4.860	11
300	5.724	.1607	6.050	5.500	11
400	6.905	.1595	7.220	6.670	11
500	8.001	.1829	8.300	7.750	8
600	9.010	.1856	9.310	8.750	8
700	9.917	.1859	10.240	9.680	7
800	10.793	.1824	11.100	10.560	7
900	11.613	.1767	11.900	11.380	7
1000	12.390	.1738	12.650	12.150	7
1200	13.788	.1773	14.050	13.600	6
1500	15.695	.1368	15.850	15.580	4
2000	18.600	n/a	n/a	n/a	1
2500	21.020	n/a	n/a	n/a	1
3000	23.340	n/a	n/a	n/a	1

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.00	.000	.00	.00	11
.02	.000	.02	.02	11
.07	.005	.07	.06	11
.14	.007	.16	.14	11
.37	.016	.40	.34	11
.77	.037	.84	.72	11
1.30	.060	1.39	1.20	11
1.90	.084	2.02	1.75	11
2.51	.117	2.66	2.32	11
3.14	.138	3.33	2.93	11
3.81	.141	4.02	3.61	11
4.54	.140	4.76	4.36	11
5.34	.140	5.56	5.16	11
7.12	.147	7.34	6.91	11
11.33	.153	11.50	11.11	11
16.31	.210	16.56	16.04	8
21.95	.246	22.28	21.64	8
28.11	.296	28.56	27.82	7
34.81	.321	35.30	34.48	7
41.91	.354	42.44	41.53	7
49.44	.399	49.94	48.97	7
65.31	.604	66.06	64.69	6
92.28	.561	92.61	91.44	4
141.55	n/a	n/a	n/a	1
196.82	n/a	n/a	n/a	1
262.09	n/a	n/a	n/a	1

OXYGEN

PRESS	MEAN	S.D.	MAX	MIN	N
0	6.39	.226	6.55	6.23	2
10	6.42	.050	6.46	6.39	2
20	6.64	.106	6.79	6.56	2
30	6.92	.219	7.07	6.76	2
50	7.02	.283	7.22	6.82	2
75	6.78	.127	6.87	6.69	2
100	6.12	.445	6.43	5.80	2
125	4.84	.891	5.47	4.21	2
150	4.00	.389	4.27	3.72	2
175	3.73	.321	3.94	3.51	2
200	3.45	.262	3.64	3.27	2
225	3.34	.328	3.42	3.06	2
250	3.34	.325	3.48	3.09	2
300	2.18	.064	2.23	2.13	2
400	1.49	.120	1.57	1.40	2
500	1.03	.078	1.08	.97	2
600	.82	.035	.85	.78	2
700	.58	.028	.60	.56	2
800	.47	.000	.47	.47	2
900	.47	.035	.49	.44	2
1000	.47	.042	.51	.44	2
1200	.63	.127	.72	.54	2
1500	.84	.141	.94	.74	2
2000	1.43	n/a	n/a	n/a	1
2500	2.18	n/a	n/a	n/a	1
3000	2.56	n/a	n/a	n/a	1

SOUND

MEAN	S.D.	MAX	MIN	N
1493	3.1	1500	1489	11
1493	3.2	1500	1489	11
1491	3.3	1496	1488	11
1486	3.7	1493	1479	11
1480	3.7	1486	1473	11
1477	3.1	1482	1471	11
1475	2.7	1479	1471	11
1476	2.4	1478	1472	11
1476	1.6	1477	1473	11
1475	1.4	1477	1473	11
1475	1.3	1476	1473	11
1474	1.3	1476	1472	11
1474	1.3	1475	1471	11
1473	1.3	1474	1471	11
1473	1.1	1474	1471	11
1474	.4	1474	1473	8
1475	.0	1475	1475	8
1476	.0	1476	1476	7
1477	.4	1477	1476	7
1477	.5	1478	1477	7
1478	.0	1478	1478	7
1480	.4	1481	1480	6
1484	.0	1484	1484	4
1490	n/a	n/a	n/a	1
1498	n/a	n/a	n/a	1
1506	n/a	n/a	n/a	1

DELTA DH

PRESS	MEAN	S.D.	MAX	MIN	N
0	12.390	.1722	12.652	12.154	7
10	12.063	.1633	12.283	11.819	7
20	11.738	.1651	11.919	11.494	7
30	11.435	.1552	11.585	11.204	7
50	10.863	.1287	11.034	10.706	7
75	10.246	.1180	10.424	10.096	7
100	9.651	.1021	9.822	9.510	7
125	9.138	.0761	9.259	9.040	7
150	8.715	.0654	8.819	8.647	7
175	8.341	.0705	8.451	8.266	7
200	7.990	.0705	8.096	7.906	7
225	7.651	.0693	7.753	7.565	7
250	7.331	.0675	7.429	7.235	7
300	6.687	.0611	6.775	6.601	7
400	5.503	.0477	5.559	5.430	7
500	4.416	.0400	4.453	4.349	7
600	3.409	.0364	3.437	3.342	7
700	2.474	.0316	2.504	2.415	7
800	1.598	.0234	1.626	1.556	7
900	.778	.0160	.805	.753	7
1000	.000	.0000	.000	.000	7
1200	-1.416	.0180	-1.396	-1.449	6
1500	-3.379	.0345	-3.354	-3.429	4
2000	-6.109	n/a	n/a	n/a	1
2500	-8.529	n/a	n/a	n/a	1
3000	-10.857	n/a	n/a	n/a	1

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TEMPERATURE

PRESS	MEAN	S.D.	MAX	MIN	N
0	15.03	.918	16.56	12.79	23
10	14.92	.897	16.43	12.79	23
20	14.35	1.426	16.36	10.57	23
30	12.22	1.842	16.00	9.24	23
50	8.55	1.192	10.71	6.37	23
75	7.05	.800	8.32	5.67	23
100	6.48	.669	7.29	5.46	23
125	6.12	.479	6.92	5.39	23
150	6.07	.385	6.82	5.46	23
175	5.96	.392	6.66	5.39	23
200	5.71	.376	6.35	5.11	23
225	5.41	.331	5.95	4.85	23
250	5.14	.291	5.59	4.67	23
300	4.75	.276	5.19	4.37	23
400	4.29	.236	4.77	3.93	23
500	4.04	.193	4.51	3.80	20
600	3.82	.144	4.17	3.64	20
700	3.62	.104	3.89	3.46	19
800	3.42	.078	3.61	3.29	19
900	3.23	.059	3.34	3.09	19
1000	3.05	.053	3.11	2.89	19
1200	2.74	.033	2.78	2.62	18
1500	2.36	.038	2.40	2.29	10
2000	1.94	.021	1.96	1.92	3
2500	1.69	n/a	n/a	n/a	1
3000	1.59	n/a	n/a	n/a	1

SALINITY

PRESS	MEAN	S.D.	MAX	MIN	N
0	32.431	.1613	32.653	32.003	23
10	32.427	.1599	32.654	32.002	23
20	32.443	.1621	32.670	32.002	23
30	32.480	.1578	32.691	32.043	23
50	32.572	.1152	32.783	32.342	23
75	32.634	.0803	32.786	32.484	23
100	32.763	.0933	32.907	32.559	23
125	33.167	.2057	33.628	32.738	23
150	33.558	.1359	33.797	33.251	23
175	33.752	.0853	33.876	33.466	23
200	33.834	.0481	33.916	33.744	23
225	33.852	.0406	33.910	33.775	23
250	33.865	.0360	33.920	33.786	23
300	33.898	.0294	33.958	33.829	23
400	33.994	.0263	34.033	33.947	23
500	34.078	.0205	34.113	34.036	20
600	34.157	.0213	34.189	34.112	20
700	34.227	.0225	34.259	34.179	19
800	34.283	.0214	34.324	34.239	19
900	34.330	.0223	34.373	34.283	19
1000	34.370	.0249	34.421	34.316	19
1200	34.436	.0271	34.502	34.392	18
1500	34.509	.0317	34.567	34.450	10
2000	34.593	.0082	34.602	34.583	3
2500	34.630	n/a	n/a	n/a	1
3000	34.627	n/a	n/a	n/a	1

SIGMA T

PRESS	MEAN	S.D.	MAX	MIN	N
0	24.007	.2537	24.445	23.580	23
10	24.027	.3558	24.445	23.586	23
20	24.176	.3653	24.924	23.593	23
30	24.601	.4464	25.205	23.743	23
50	25.304	.2451	25.692	24.785	23
75	25.571	.1446	25.794	25.317	23
100	25.749	.0873	25.896	25.574	23
125	26.113	.1433	26.404	25.843	23
150	26.427	.0996	26.594	26.224	23
175	26.594	.0668	26.717	26.389	23
200	26.689	.0365	26.771	26.606	23
225	26.740	.0370	26.811	26.655	23
250	26.785	.0331	26.844	26.730	23
300	26.853	.0248	26.918	26.824	23
400	26.978	.0242	27.025	26.947	23
500	27.071	.0198	27.110	27.047	20
600	27.157	.0212	27.197	27.117	20
700	27.232	.0213	27.268	27.194	19
800	27.298	.0195	27.334	27.259	19
900	27.351	.0205	27.388	27.300	19
1000	27.400	.0231	27.444	27.353	19
1200	27.481	.0233	27.533	27.444	18
1500	27.571	.0271	27.621	27.522	10
2000	27.672	.0063	27.679	27.668	3
2500	27.721	n/a	n/a	n/a	1
3000	27.726	n/a	n/a	n/a	1

SVA

PRESS	MEAN	S.D.	MAX	MIN	N
0	391.3	24.19	432.0	349.5	23
10	389.6	24.41	431.7	349.7	23
20	375.7	34.84	431.3	304.5	23
30	335.3	42.60	417.4	277.5	23
50	268.5	23.42	318.4	231.5	23
75	243.4	13.85	267.7	221.0	23
100	226.7	8.50	243.4	212.4	23
125	192.4	13.58	217.9	164.0	23
150	162.9	9.45	182.0	146.0	23
175	147.4	6.37	166.7	135.6	23
200	138.6	3.57	146.5	130.5	23
225	133.9	3.56	[illegible]	[illegible]	23
250	130.1	3.17	[illegible]	[illegible]	23
300	123.6	2.52	126.6	117.2	23
400	112.4	2.43	115.3	107.6	23
500	104.3	2.04	106.8	100.1	20
600	96.7	2.25	100.7	[illegible]	20
700	90.1	2.11	93.9	[illegible]	19
800	84.5	1.92	88.1	80.9	19
900	79.7	1.99	83.8	76.2	19
1000	75.4	2.18	80.0	71.5	19
1200	68.2	2.09	71.8	63.4	18
1500	60.3	2.55	64.8	55.5	10
2000	51.3	.57	51.8	50.7	3
2500	47.3	n/a	n/a	n/a	1
3000	47.6	n/a	n/a	n/a	1

THETA

PRESS	MEAN	S.D.	MAX	MIN	N
0	15.03	.918	16.56	12.79	23
10	14.92	.897	16.43	12.79	23
20	14.35	1.426	16.36	10.57	23
30	12.22	1.842	16.00	9.24	23
50	8.54	1.189	10.70	6.37	23
75	7.04	.800	8.31	5.66	23
100	6.47	.668	7.28	5.46	23
125	6.11	.478	6.91	5.38	23
150	6.06	.386	6.81	5.45	23
175	5.94	.390	6.64	5.38	23
200	5.70	.374	6.33	5.09	23
225	5.39	.332	5.93	4.83	23
250	5.12	.290	5.57	4.65	23
300	4.72	.277	5.16	4.35	23
400	4.26	.235	4.74	3.90	23
500	4.00	.192	4.47	3.76	20
600	3.78	.144	4.13	3.59	20
700	3.57	.103	3.83	3.41	19
800	3.36	.077	3.55	3.23	19
900	3.17	.058	3.28	3.03	19
1000	2.98	.053	3.04	2.82	19
1200	2.65	.033	2.70	2.54	18
1500	2.26	.038	2.30	2.19	10
2000	1.81	.015	1.82	1.79	3
2500	1.52	n/a	n/a	n/a	1
3000	1.37	n/a	n/a	n/a	1

SVA (THETA)

PRESS	MEAN	S.D.	MAX	MIN	N
0	391.3	24.19	432.0	349.5	23
10	389.3	24.40	431.4	349.5	23
20	375.1	34.80	430.7	303.9	23
30	334.6	42.51	419.4	277.1	23
50	267.6	23.30	317.3	230.8	23
75	242.3	13.75	266.4	221.0	23
100	225.4	8.30	241.9	211.3	23
125	190.7	13.63	216.4	163.0	23
150	160.9	9.45	180.1	143.0	23
175	145.0	6.33	164.5	133.4	23
200	136.0	3.46	143.8	128.2	23
225	131.1	3.57	136.4	124.4	23
250	127.1	3.17	131.1	121.3	23
300	120.3	2.36	123.1	114.1	23
400	108.4	2.37	111.4	104.1	23
500	99.6	1.87	101.9	95.9	20
600	91.4	2.12	95.8	87.6	20
700	84.2	2.02	87.8	80.0	19
800	78.1	1.86	81.6	74.5	19
900	72.8	1.94	76.8	69.3	19
1000	68.1	2.10	72.7	64.0	19
1200	60.4	2.09	63.9	55.5	18
1500	51.7	2.56	56.4	47.0	10
2000	42.0	.60	42.6	41.4	3
2500	37.1	n/a	n/a	n/a	1
3000	36.4	n/a	n/a	n/a	1

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DELTA D

PRESS	MEAN	S.D.	MAX	MIN	N
0	.000	.0000	.000	.000	23
10	.393	.0240	.430	.350	33
20	.792	.0496	.860	.700	33
30	1.178	.0883	1.300	1.020	33
50	1.736	.1503	2.030	1.550	33
75	2.370	.1877	2.740	2.150	33
100	2.956	.2135	3.370	2.700	33
125	3.483	.2226	3.940	3.200	33
150	3.924	.2314	4.420	3.620	33
175	4.310	.2398	4.830	3.990	33
200	4.666	.2460	5.200	4.330	33
225	4.994	.2519	5.550	4.650	33
250	5.336	.2566	5.890	4.970	33
300	5.968	.2656	6.540	5.600	33
400	7.145	.2841	7.740	6.710	33
500	8.227	.3170	8.840	7.750	20
600	9.332	.3310	9.850	8.720	20
700	10.198	.3358	10.780	9.610	19
800	11.063	.3492	11.660	10.460	19
900	11.883	.3684	12.480	11.250	19
1000	12.657	.3781	13.270	11.990	19
1200	14.122	.3926	14.730	13.360	18
1500	15.991	.4111	16.650	15.200	10
2000	18.800	.3143	19.160	18.580	3
2500	21.640	n/a	n/a	n/a	1
3000	23.980	n/a	n/a	n/a	1

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.00	.000	.00	.00	23
.02	.000	.02	.02	33
.06	.007	.06	.09	33
.17	.014	.20	.15	33
.41	.040	.49	.36	33
.82	.066	.94	.72	33
1.34	.088	1.51	1.21	33
1.94	.103	2.16	1.79	33
2.56	.123	2.83	2.37	33
3.20	.147	3.51	2.98	33
3.86	.163	4.32	3.65	33
4.61	.192	4.89	4.31	33
5.41	.199	5.79	5.07	33
7.19	.213	7.61	6.76	33
11.38	.280	11.89	10.72	33
16.35	.388	16.92	15.48	20
21.97	.483	22.59	20.90	20
28.20	.596	28.90	26.85	19
34.86	.735	35.63	33.59	19
41.97	.892	43.03	40.11	19
49.48	1.062	51.30	47.28	19
65.63	1.465	68.31	62.64	18
91.91	2.481	96.24	87.42	10
141.88	2.678	144.89	139.76	3
201.65	n/a	n/a	n/a	1
267.23	n/a	n/a	n/a	1

OXYGEN

PRESS	MEAN	S.D.	MAX	MIN	N
0	6.06	.203	6.29	5.90	3
10	6.10	.143	6.33	5.94	3
20	6.13	.090	6.25	6.05	3
30	6.17	.060	6.23	6.08	3
50	6.20	.010	6.23	6.19	3
75	6.09	.240	6.35	5.82	3
100	6.14	.353	6.61	5.84	3
125	5.85	.639	6.65	5.43	3
150	4.55	.185	4.83	4.46	3
175	4.28	.513	4.77	3.77	3
200	4.03	.173	4.20	3.90	3
225	3.88	.225	4.06	3.63	3
250	3.88	.311	4.24	3.59	3
300	3.89	.430	4.39	3.53	3
400	3.98	.129	4.13	3.89	3
500	4.04	.180	4.26	3.90	3
600	4.06	.116	4.24	3.98	3
700	4.01	.079	4.07	3.92	3
800	3.93	.033	3.97	3.91	3
900	3.88	.042	3.93	3.85	3
1000	3.84	.046	3.89	3.80	3
1200	3.80	.087	3.89	3.73	3
1500	3.83	n/a	n/a	n/a	1
2000	3.39	n/a	n/a	n/a	1
2500	3.04	n/a	n/a	n/a	1
3000	2.39	n/a	n/a	n/a	1

SOUND

MEAN	S.D.	MAX	MIN	N
1504	2.9	1509	1497	23
1504	2.8	1509	1497	33
1502	4.5	1509	1490	33
1498	6.2	1508	1485	33
1493	4.4	1490	1474	33
1477	3.1	1482	1473	33
1476	2.7	1479	1473	33
1475	2.1	1479	1473	33
1476	1.7	1479	1473	33
1476	1.7	1479	1474	33
1476	1.6	1479	1473	33
1475	1.5	1479	1473	33
1474	1.5	1476	1473	33
1473	1.5	1475	1473	33
1473	1.8	1475	1473	33
1474	.9	1476	1473	33
1475	.6	1476	1474	33
1476	.6	1477	1475	33
1476	.5	1477	1475	33
1477	.5	1478	1477	33
1478	.5	1479	1478	33
1480	.5	1481	1480	33
1484	.0	1484	1484	33
1491	.6	1491	1490	3
1498	n/a	n/a	n/a	1
1506	n/a	n/a	n/a	1

DELTA DH

PRESS	MEAN	S.D.	MAX	MIN	N
0	12.657	.3769	13.270	11.987	19
10	12.564	.3591	13.179	11.817	19
20	11.893	.3374	12.486	11.253	19
30	11.213	.3072	11.773	10.656	19
50	10.911	.2733	11.317	10.377	19
75	10.274	.2133	10.619	9.776	19
100	9.687	.1925	10.001	9.216	19
125	9.162	.1838	9.456	8.710	19
150	8.725	.1756	9.001	8.306	19
175	8.339	.1677	8.598	7.928	19
200	7.979	.1608	8.237	7.592	19
225	7.639	.1561	7.895	7.284	19
250	7.309	.1514	7.577	6.990	19
300	6.674	.1410	6.995	6.385	19
400	5.493	.1192	5.694	5.275	19
500	4.406	.0999	4.587	4.231	19
600	3.483	.0800	3.667	3.334	19
700	2.468	.0589	2.585	2.356	19
800	1.598	.0399	1.678	1.535	19
900	.775	.0212	.821	.738	19
1000	.000	.0000	.000	.000	19
1200	-1.434	.0424	-1.353	-1.518	18
1500	-3.347	.1231	-3.154	-3.552	10
2000	-6.147	.1454	-6.039	-6.312	3
2500	-8.788	n/a	n/a	n/a	1
3000	-11.125	n/a	n/a	n/a	1

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TEMPERATURE

PRESS	MEAN	S.D.	MAX	MIN	N
0	14.81	.883	17.30	13.38	18
10	14.79	.872	17.11	13.38	18
20	14.69	.896	17.11	13.33	18
30	13.68	1.214	15.07	10.29	18
50	9.28	1.255	12.65	7.77	18
75	7.55	.535	8.33	6.44	18
100	6.75	.454	7.31	5.82	18
125	6.29	.435	6.85	5.31	18
150	6.12	.340	6.87	5.49	18
175	5.99	.359	6.79	5.43	18
200	5.75	.347	6.45	5.18	18
225	5.49	.309	5.98	4.88	18
250	5.24	.278	5.67	4.67	18
300	4.79	.225	5.13	4.35	18
400	4.32	.168	4.69	4.03	17
500	4.06	.131	4.35	3.80	15
600	3.84	.094	4.07	3.65	15
700	3.64	.076	3.83	3.47	15
800	3.45	.061	3.55	3.30	15
900	3.26	.041	3.31	3.19	15
1000	3.08	.042	3.13	3.00	15
1200	2.74	.038	2.80	2.66	15
1500	2.37	.040	2.44	2.33	8
2000	1.95	.018	1.97	1.93	4
2500	1.71	n/a	n/a	n/a	1
3000	1.59	n/a	n/a	n/a	1

SALINITY

MEAN	S.D.	MAX	MIN	N
32.406	.1137	32.661	32.220	18
32.407	.1106	32.659	32.230	18
32.410	.1095	32.658	32.230	18
32.438	.0987	32.658	32.280	18
32.561	.1020	32.740	32.395	18
32.623	.1017	32.850	32.500	18
32.796	.1243	33.082	32.590	18
33.154	.2130	33.449	32.670	18
33.549	.1456	33.771	33.284	18
33.748	.0769	33.834	33.598	18
33.819	.0572	33.890	33.715	18
33.852	.0483	33.920	33.761	18
33.872	.0403	33.930	33.792	18
33.904	.0267	33.950	33.853	18
33.985	.0284	34.020	33.916	17
34.075	.0243	34.110	34.008	15
34.150	.0186	34.188	34.104	15
34.220	.0178	34.251	34.177	15
34.280	.0179	34.310	34.236	15
34.329	.0166	34.349	34.281	15
34.369	.0177	34.388	34.314	15
34.431	.0137	34.449	34.390	15
34.498	.0179	34.514	34.457	8
34.581	.0086	34.585	34.572	4
34.614	n/a	n/a	n/a	1
34.648	n/a	n/a	n/a	1

SIGMA T

PRESS	MEAN	S.D.	MAX	MIN	N
0	24.035	.2103	24.321	23.425	18
10	24.041	.2028	24.327	23.477	18
20	24.064	.2040	24.367	23.486	18
30	24.290	.2256	24.987	24.061	18
50	25.182	.2432	25.460	24.468	18
75	25.495	.0949	25.634	25.323	18
100	25.740	.1062	25.918	25.539	18
125	26.081	.1635	26.305	25.653	18
150	26.414	.1099	26.591	26.217	18
175	26.587	.0555	26.673	26.491	18
200	26.673	.0401	26.721	26.601	18
225	26.731	.0304	26.774	26.679	18
250	26.777	.0242	26.818	26.733	18
300	26.854	.0204	26.899	26.817	18
400	26.969	.0195	27.006	26.921	17
500	27.068	.0168	27.087	27.022	15
600	27.150	.0125	27.165	27.119	15
700	27.225	.0145	27.245	27.192	15
800	27.291	.0142	27.308	27.256	15
900	27.348	.0131	27.361	27.308	15
1000	27.397	.0143	27.411	27.349	15
1200	27.476	.0129	27.489	27.438	15
1500	27.562	.0165	27.575	27.523	8
2000	27.662	.0059	27.667	27.654	4
2500	27.707	n/a	n/a	n/a	1
3000	27.743	n/a	n/a	n/a	1

SVA

MEAN	S.D.	MAX	MIN	N
388.6	20.06	446.8	361.3	18
388.3	19.35	442.1	361.0	18
386.4	19.50	441.6	357.4	18
365.0	21.56	386.8	298.4	18
280.2	23.24	348.4	253.6	18
250.6	9.09	267.1	237.3	18
227.6	10.14	246.7	210.7	18
195.4	15.50	236.1	174.2	18
164.1	10.42	182.8	147.4	18
148.1	5.29	157.3	139.9	18
140.1	3.86	147.2	135.3	18
134.8	2.95	140.0	130.4	18
130.6	2.36	135.0	126.4	18
123.6	2.00	127.3	119.1	18
113.3	1.87	117.7	109.5	17
104.6	1.58	108.8	102.8	15
97.5	1.21	100.3	95.8	15
90.9	1.38	94.0	88.8	15
85.1	1.36	88.4	83.2	15
80.1	1.24	83.8	79.0	15
75.7	1.41	80.3	74.5	15
68.7	1.24	72.4	67.2	15
61.1	1.62	64.9	59.8	8
52.2	.59	53.0	51.7	4
48.6	n/a	n/a	n/a	1
46.1	n/a	n/a	n/a	1

THETA

PRESS	MEAN	S.D.	MAX	MIN	N
0	14.81	.883	17.30	13.38	18
10	14.79	.872	17.11	13.38	18
20	14.69	.896	17.11	13.33	18
30	13.68	1.215	15.07	10.28	18
50	9.27	1.254	12.64	7.77	18
75	7.54	.535	8.32	6.43	18
100	6.74	.454	7.30	5.81	18
125	6.28	.435	6.84	5.30	18
150	6.11	.340	6.86	5.48	18
175	5.98	.357	6.78	5.42	18
200	5.73	.346	6.43	5.16	18
225	5.47	.308	5.96	4.86	18
250	5.22	.277	5.65	4.65	18
300	4.76	.223	5.10	4.33	18
400	4.29	.165	4.66	4.01	17
500	4.02	.130	4.31	3.77	15
600	3.79	.094	4.03	3.61	15
700	3.59	.076	3.78	3.42	15
800	3.40	.059	3.50	3.25	15
900	3.20	.041	3.25	3.13	15
1000	3.01	.041	3.06	2.93	15
1200	2.66	.036	2.72	2.58	15
1500	2.27	.041	2.34	2.23	8
2000	1.81	.017	1.83	1.80	4
2500	1.53	n/a	n/a	n/a	1
3000	1.37	n/a	n/a	n/a	1

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
388.6	20.06	446.8	361.3	18
388.0	19.33	441.8	360.7	18
385.8	19.45	440.9	356.9	18
364.2	21.50	386.0	297.8	18
279.2	23.13	347.2	252.8	18
249.4	9.02	265.8	236.3	18
226.2	10.09	245.3	209.2	18
193.7	15.53	234.4	172.5	18
162.1	10.44	180.8	145.3	18
145.7	5.26	154.8	137.5	18
137.5	3.78	144.3	133.0	18
132.0	2.90	136.9	127.9	18
127.6	2.30	131.8	123.7	18
120.3	1.92	123.8	116.1	18
109.3	1.83	113.8	105.8	17
99.9	1.56	104.2	98.0	15
92.1	1.19	95.0	90.7	15
84.9	1.35	88.0	83.0	15
78.6	1.35	81.9	76.9	15
73.2	1.26	76.9	71.9	15
68.4	1.40	73.0	67.1	15
60.8	1.20	64.5	59.6	15
52.6	1.55	56.3	51.4	8
42.9	.54	43.7	42.5	4
38.4	n/a	n/a	n/a	1
34.8	n/a	n/a	n/a	1

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DELTA D

PRESS	MEAN	S.D.	MAX	MIN	N
0	.000	.0000	.000	.000	18
10	.389	.0203	.450	.360	18
20	.779	.0400	.900	.730	18
30	1.158	.0548	1.310	1.090	18
50	1.803	.0706	1.960	1.650	18
75	2.463	.1025	2.660	2.290	18
100	3.057	.1139	3.270	2.880	18
125	3.587	.1190	3.800	3.410	18
150	4.034	.1259	4.250	3.830	18
175	4.420	.1371	4.660	4.190	18
200	4.782	.1420	5.030	4.540	18
225	5.122	.1449	5.370	4.870	18
250	5.454	.1473	5.710	5.190	18
300	6.091	.1552	6.360	5.800	18
400	7.260	.1651	7.560	6.940	17
500	8.347	.1798	8.660	8.000	15
600	9.357	.1845	9.670	9.000	15
700	10.297	.1894	10.610	9.920	15
800	11.177	.1965	11.490	10.770	15
900	12.001	.1998	12.310	11.590	15
1000	12.779	.2047	13.090	12.360	15
1200	14.215	.2224	14.540	13.780	15
1500	16.209	.2810	16.540	15.680	8
2000	19.035	.1967	19.270	18.820	4
2500	21.800	n/a	n/a	n/a	1
3000	24.170	n/a	n/a	n/a	1

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.00	.000	.00	.00	18
.02	.000	.02	.02	18
.08	.005	.09	.07	18
.18	.009	.20	.16	18
.44	.022	.48	.39	18
.86	.044	.97	.79	18
1.39	.055	1.50	1.32	18
1.99	.068	2.10	1.90	18
2.62	.099	2.82	2.47	18
3.26	.123	3.50	3.07	18
3.94	.136	4.20	3.73	18
4.69	.150	4.95	4.45	18
5.49	.160	5.76	5.24	18
7.27	.178	7.53	6.99	18
11.46	.211	11.76	11.03	17
16.42	.250	16.80	15.90	15
22.07	.291	22.53	21.49	15
28.30	.368	28.96	27.57	15
35.01	.454	35.91	34.11	15
42.16	.555	43.38	41.16	15
49.70	.657	51.33	48.67	15
65.78	.948	68.35	64.60	15
92.93	1.745	96.65	90.65	8
143.20	.946	144.59	142.56	4
202.71	n/a	n/a	n/a	1
269.11	n/a	n/a	n/a	1

OXYGEN

PRESS	MEAN	S.D.	MAX	MIN	N
0	6.17	.141	6.27	6.07	2
10	6.16	.120	6.25	6.08	2
20	6.16	.106	6.24	6.09	2
30	6.38	.375	6.64	6.11	2
50	6.79	.714	7.29	6.28	2
75	6.78	.368	7.04	6.52	2
100	5.73	.467	6.06	5.40	2
125	4.58	.042	4.61	4.55	2
150	3.96	.014	3.97	3.95	2
175	3.67	.007	3.67	3.66	2
200	3.24	.127	3.33	3.15	2
225	2.90	.113	2.98	2.82	2
250	2.60	.085	2.66	2.54	2
300	1.96	.021	1.97	1.94	2
400	1.23	.078	1.29	1.18	2
500	.93	.099	1.00	.86	2
600	.70	.141	.80	.60	2
700	.55	.092	.61	.48	2
800	.41	.042	.44	.38	2
900	.41	.035	.44	.39	2
1000	.42	.106	.50	.35	2
1200	.47	.028	.49	.45	2
1500	.76	.057	.80	.72	2
2000	1.41	.064	1.45	1.36	2
2500	2.00	n/a	n/a	n/a	1
3000	2.53	n/a	n/a	n/a	1

SOUND

MEAN	S.D.	MAX	MIN	N
1504	2.8	1511	1499	18
1504	2.8	1511	1499	18
1504	2.9	1511	1499	18
1501	4.0	1505	1489	18
1485	4.5	1497	1480	18
1479	2.2	1483	1475	18
1477	1.9	1479	1473	18
1476	1.9	1478	1471	18
1476	1.4	1479	1473	18
1476	1.5	1480	1474	18
1476	1.6	1479	1473	18
1475	1.2	1477	1473	18
1475	1.2	1476	1472	18
1474	1.0	1475	1472	18
1473	.8	1475	1472	17
1474	.5	1475	1473	15
1475	.5	1476	1474	15
1476	.5	1477	1475	15
1477	.4	1477	1476	15
1478	.5	1478	1477	15
1478	.5	1479	1478	15
1480	.5	1481	1480	15
1484	.0	1484	1484	8
1491	.6	1491	1490	4
1498	n/a	n/a	n/a	1
1506	n/a	n/a	n/a	1

DELTA DH

PRESS	MEAN	S.D.	MAX	MIN	N
0	12.779	.2048	13.092	12.363	15
10	12.388	.1989	12.646	11.981	15
20	11.996	.1937	12.223	11.603	15
30	11.617	.1869	11.842	11.269	15
50	10.971	.1537	11.175	10.708	15
75	10.306	.1372	10.517	10.077	15
100	9.707	.1328	9.950	9.479	15
125	9.180	.1209	9.430	8.952	15
150	8.740	.1132	8.996	8.532	15
175	8.357	.1093	8.614	8.169	15
200	8.001	.1060	8.256	7.826	15
225	7.660	.1034	7.915	7.494	15
250	7.330	.1008	7.583	7.173	15
300	6.697	.0957	6.947	6.559	15
400	5.520	.0826	5.741	5.406	15
500	4.433	.0658	4.608	4.346	15
600	3.423	.0534	3.564	3.354	15
700	2.483	.0396	2.593	2.433	15
800	1.604	.0267	1.683	1.575	15
900	.779	.0134	.821	.767	15
1000	.000	.0000	.000	.000	15
1200	-1.434	.0334	-1.361	-1.519	15
1500	-3.395	.0820	-3.317	-3.579	8
2000	-6.214	.0489	-6.168	-6.280	4
2500	-8.815	n/a	n/a	n/a	1
3000	-11.185	n/a	n/a	n/a	1

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TEMPERATURE

PRESS	MEAN	S.D.	MAX	MIN	N
0	13.29	1.305	15.34	12.05	9
10	13.27	1.328	15.33	11.86	9
20	13.27	1.333	15.33	11.84	9
30	13.26	1.336	15.34	11.86	9
50	10.33	1.560	13.32	8.65	9
75	7.19	.693	7.98	6.18	9
100	6.54	.525	7.08	5.74	9
125	6.12	.351	6.56	5.64	9
150	6.23	.296	6.57	5.76	9
175	6.23	.187	6.55	5.95	9
200	6.04	.179	6.30	5.74	9
225	5.74	.174	5.97	5.45	9
250	5.48	.169	5.67	5.20	9
300	5.06	.161	5.30	4.86	9
400	4.47	.144	4.69	4.29	9
500	4.17	.112	4.32	4.00	8
600	3.92	.075	4.04	3.85	8
700	3.67	.068	3.78	3.61	8
800	3.46	.066	3.57	3.40	8
900	3.25	.051	3.33	3.21	8
1000	3.07	.033	3.13	3.02	8
1200	2.76	.024	2.79	2.71	8
1500	2.37	.019	2.39	2.34	5
2000	1.95	.019	1.97	1.92	5
2500	1.74	n/a	n/a	n/a	1
3000	1.61	n/a	n/a	n/a	1

SALINITY

MEAN	S.D.	MAX	MIN	N
32.424	.1230	32.570	32.210	9
32.415	.1140	32.550	32.210	9
32.415	.1134	32.547	32.210	9
32.413	.1123	32.548	32.216	9
32.499	.0875	32.609	32.388	9
32.596	.0567	32.672	32.535	9
32.842	.1802	33.215	32.688	9
33.238	.1727	33.558	33.039	9
33.637	.0816	33.773	33.499	9
33.811	.0255	33.842	33.775	9
33.853	.0195	33.876	33.820	9
33.869	.0209	33.892	33.830	9
33.878	.0249	33.909	33.839	9
33.901	.0257	33.936	33.850	9
33.965	.0128	33.991	33.947	9
34.054	.0187	34.085	34.038	8
34.138	.0111	34.155	34.122	8
34.211	.0133	34.237	34.193	8
34.266	.0100	34.283	34.251	8
34.313	.0153	34.333	34.290	8
34.354	.0144	34.380	34.328	8
34.422	.0147	34.451	34.398	8
34.497	.0000	34.502	34.495	5
34.581	.0074	34.587	34.578	5
34.623	n/a	n/a	n/a	1
34.647	n/a	n/a	n/a	1

SIGMA T

PRESS	MEAN	S.D.	MAX	MIN	N
0	24.358	.2202	24.708	24.035	9
10	24.354	.2190	24.706	24.035	9
20	24.355	.2210	24.710	24.033	9
30	24.355	.2223	24.710	24.029	9
50	24.958	.3203	25.316	24.333	9
75	25.523	.1301	25.717	25.375	9
100	25.803	.1347	26.059	25.616	9
125	26.170	.1018	26.366	26.064	9
150	26.472	.0452	26.558	26.405	9
175	26.608	.0219	26.647	26.573	9
200	26.664	.0252	26.720	26.640	9
225	26.714	.0225	26.764	26.692	9
250	26.753	.0217	26.802	26.727	9
300	26.820	.0190	26.855	26.801	9
400	26.938	.0157	26.966	26.908	9
500	27.039	.0110	27.058	27.029	8
600	27.131	.0092	27.146	27.121	8
700	27.215	.0100	27.239	27.204	8
800	27.280	.0094	27.296	27.265	8
900	27.337	.0107	27.356	27.321	8
1000	27.386	.0101	27.404	27.365	8
1200	27.468	.0127	27.493	27.448	8
1500	27.562	.0051	27.565	27.559	5
2000	27.663	.0036	27.669	27.659	5
2500	27.712	n/a	n/a	n/a	1
3000	27.741	n/a	n/a	n/a	1

SVA

MEAN	S.D.	MAX	MIN	N
357.9	20.98	388.6	324.5	9
358.4	20.88	388.6	324.9	9
358.6	21.11	389.3	324.7	9
358.8	21.23	390.0	325.0	9
301.6	30.62	361.4	267.4	9
247.9	12.48	262.1	229.3	9
221.5	12.78	239.4	197.4	9
187.0	9.58	196.9	168.5	9
158.7	4.26	164.9	150.6	9
146.2	2.12	149.6	142.4	9
141.1	2.43	143.5	135.7	9
136.6	2.17	138.7	131.7	9
133.0	2.11	135.5	128.2	9
127.0	1.85	128.8	123.5	9
116.4	1.54	119.3	113.5	9
107.4	1.02	108.4	105.5	8
99.3	.83	100.3	97.9	8
91.8	1.02	93.0	89.6	8
86.2	.96	87.7	84.6	8
81.1	1.01	82.5	79.3	8
76.8	.99	78.7	75.2	8
69.5	1.17	71.3	67.2	8
61.1	.16	61.3	60.9	5
52.2	.48	52.6	51.4	5
48.3	n/a	n/a	n/a	1
46.3	n/a	n/a	n/a	1

THETA

PRESS	MEAN	S.D.	MAX	MIN	N
0	13.29	1.305	15.34	12.05	9
10	13.27	1.328	15.33	11.86	9
20	13.27	1.332	15.33	11.84	9
30	13.26	1.337	15.34	11.85	9
50	10.32	1.560	13.31	8.64	9
75	7.18	.693	7.97	6.17	9
100	6.53	.525	7.07	5.73	9
125	6.11	.350	6.55	5.63	9
150	6.20	.294	6.55	5.75	9
175	6.21	.187	6.55	5.94	9
200	6.02	.180	6.29	5.72	9
225	5.72	.176	5.95	5.43	9
250	5.46	.169	5.65	5.18	9
300	5.04	.159	5.28	4.84	9
400	4.43	.142	4.66	4.26	9
500	4.14	.110	4.28	3.97	8
600	3.88	.075	4.00	3.81	8
700	3.61	.066	3.72	3.56	8
800	3.40	.065	3.51	3.34	8
900	3.19	.051	3.27	3.15	8
1000	3.00	.033	3.06	2.95	8
1200	2.68	.024	2.71	2.63	8
1500	2.27	.017	2.28	2.24	5
2000	1.81	.022	1.84	1.78	5
2500	1.56	n/a	n/a	n/a	1
3000	1.38	n/a	n/a	n/a	1

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
357.9	20.98	388.6	324.5	9
358.2	20.86	388.6	324.7	9
358.0	21.07	388.7	324.2	9
358.0	21.17	389.1	324.2	9
300.5	30.45	360.0	266.5	9
246.8	12.37	260.9	228.4	9
220.2	12.81	238.0	195.9	9
185.3	9.68	195.4	166.7	9
156.6	4.29	162.9	148.4	9
143.7	2.07	147.0	140.0	9
138.3	2.35	140.6	133.1	9
133.6	2.09	135.6	128.9	9
129.9	2.02	132.3	125.3	9
123.5	1.79	125.3	120.2	9
112.3	1.41	115.0	109.6	9
102.6	1.02	103.6	100.9	8
93.8	.82	94.8	92.4	8
85.8	.99	86.8	83.6	8
79.6	.89	81.9	78.1	8
74.2	1.03	75.7	72.4	8
69.5	1.04	71.5	67.8	8
61.7	1.19	63.5	59.3	8
52.7	.19	52.9	52.4	5
42.9	.37	43.2	42.3	5
38.0	n/a	n/a	n/a	1
34.9	n/a	n/a	n/a	1

STATION MP16 O C T O B E R 1956 to 1990

DELTA D

PRESS	MEAN	S.D.	MAX	MIN	N
0	.000	.0000	.000	.000	9
10	.359	.0209	.390	.330	9
20	.716	.0436	.780	.650	9
30	1.078	.0665	1.180	.970	9
50	1.757	.0678	1.840	1.640	9
75	2.428	.0589	2.510	2.330	9
100	3.017	.0812	3.150	2.890	9
125	3.527	.0971	3.690	3.390	9
150	3.960	.1031	4.140	3.820	9
175	4.337	.1027	4.510	4.190	9
200	4.694	.1085	4.870	4.540	9
225	5.043	.1067	5.220	4.890	9
250	5.378	.1127	5.550	5.210	9
300	6.029	.1188	6.200	5.840	9
400	7.240	.1231	7.390	7.020	9
500	8.387	.0974	8.510	8.200	8
600	9.421	.0982	9.550	9.240	8
700	10.378	.1008	10.520	10.200	8
800	11.262	.1029	11.410	11.090	8
900	12.099	.1053	12.250	11.930	8
1000	12.889	.1102	13.040	12.710	8
1200	14.346	.1285	14.490	14.110	8
1500	16.356	.0493	16.430	16.310	5
2000	19.192	.0396	19.240	19.140	5
2500	21.730	n/a	n/a	n/a	1
3000	24.110	n/a	n/a	n/a	1

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.00	.000	.00	.00	9
.02	.000	.02	.02	9
.07	.004	.08	.07	9
.17	.010	.18	.15	9
.44	.014	.46	.42	9
.87	.029	.91	.83	9
1.39	.051	1.47	1.33	9
1.97	.064	2.09	1.89	9
2.58	.076	2.72	2.44	9
3.20	.080	3.34	3.05	9
3.89	.086	4.03	3.73	9
4.64	.087	4.77	4.48	9
5.45	.096	5.59	5.29	9
7.28	.107	7.39	7.09	9
11.59	.132	11.70	11.32	9
16.76	.098	16.84	16.54	8
22.55	.109	22.66	22.36	8
28.87	.143	29.00	28.60	8
35.66	.199	35.84	35.23	8
42.91	.260	43.20	42.34	8
50.53	.333	50.90	49.85	8
66.87	.507	67.52	66.10	8
93.94	.311	94.38	93.64	5
144.39	.515	144.75	143.53	5
202.31	n/a	n/a	n/a	1
268.80	n/a	n/a	n/a	1

OXYGEN

PRESS	MEAN	S.D.	MAX	MIN	N
0	6.12	.208	6.27	5.88	3
10	6.16	.228	6.36	5.91	3
20	6.15	.226	6.36	5.91	3
30	6.14	.215	6.32	5.90	3
50	6.63	.482	7.18	6.27	3
75	6.61	.317	6.94	6.31	3
100	5.99	.752	6.77	5.27	3
125	5.21	.815	6.10	4.50	3
150	4.15	.792	5.06	3.65	3
175	3.65	.681	4.41	3.09	3
200	3.37	.525	3.97	2.98	3
225	3.10	.482	3.66	2.81	3
250	2.86	.468	3.38	2.48	3
300	2.22	.329	2.57	1.92	3
400	1.49	.117	1.62	1.39	3
500	.98	.236	1.18	.72	3
600	.70	.140	.84	.56	3
700	.56	.100	.66	.46	3
800	.44	.066	.51	.38	3
900	.40	.031	.43	.37	3
1000	.37	.006	.37	.36	3
1200	.40	.015	.42	.39	3
1500	.68	.045	.72	.63	3
2000	1.42	.081	1.49	1.33	3
2500	1.99	n/a	n/a	n/a	1
3000	2.49	n/a	n/a	n/a	1

SOUND

MEAN	S.D.	MAX	MIN	N
1498	4.3	1505	1494	9
1499	4.5	1506	1494	9
1499	4.6	1506	1494	9
1499	4.6	1506	1494	9
1489	5.7	1500	1483	9
1478	2.7	1481	1474	9
1476	2.1	1478	1473	9
1475	1.5	1477	1473	9
1477	1.3	1478	1475	9
1477	.9	1479	1476	9
1477	.8	1478	1476	9
1476	.8	1477	1475	9
1476	.7	1476	1474	9
1475	.8	1476	1474	9
1474	.8	1475	1473	9
1475	.5	1475	1474	8
1475	.5	1476	1475	8
1476	.0	1476	1476	8
1477	.5	1477	1476	8
1477	.5	1478	1477	8
1478	.5	1479	1478	8
1481	.5	1481	1480	8
1484	.0	1484	1484	5
1491	.5	1491	1490	5
1498	n/a	n/a	n/a	1
1506	n/a	n/a	n/a	1

DELTA DH

PRESS	MEAN	S.D.	MAX	MIN	N
0	12.888	.1115	13.042	12.708	8
10	12.525	.1052	12.680	12.366	8
20	12.162	.1019	12.319	12.023	8
30	11.797	.1023	11.958	11.679	8
50	11.118	.0864	11.230	10.984	8
75	10.447	.0710	10.531	10.300	8
100	9.857	.0612	9.934	9.738	8
125	9.343	.0481	9.405	9.266	8
150	8.913	.0452	8.970	8.821	8
175	8.535	.0459	8.596	8.440	8
200	8.176	.0452	8.232	8.081	8
225	7.827	.0451	7.880	7.731	8
250	7.489	.0446	7.542	7.394	8
300	6.835	.0451	6.894	6.740	8
400	5.621	.0459	5.671	5.520	8
500	4.501	.0386	4.536	4.416	8
600	3.467	.0339	3.508	3.399	8
700	2.513	.0256	2.547	2.464	8
800	1.625	.0178	1.651	1.597	8
900	.788	.0104	.807	.775	8
1000	.000	.0000	.000	.000	8
1200	-1.458	.0256	-1.405	-1.495	8
1500	-3.419	.0191	-3.389	-3.436	5
2000	-6.256	.0349	-6.195	-6.279	5
2500	-8.788	n/a	n/a	n/a	1
3000	-11.161	n/a	n/a	n/a	1

STATION MP16 N O V E M B E R 1956 to 1990

TEMPERATURE

PRESS	MEAN	S.D.	MAX	MIN	N
0	10.13	.588	11.00	9.41	8
10	10.11	.555	10.84	9.42	8
20	10.10	.559	10.84	9.39	8
30	10.10	.561	10.84	9.38	8
50	9.95	.712	10.66	8.62	8
75	7.96	1.176	10.21	6.85	8
100	6.77	.372	7.24	6.46	8
125	6.52	.343	6.83	5.78	8
150	6.42	.377	6.86	5.62	8
175	6.23	.351	6.69	5.52	8
200	5.97	.286	6.32	5.37	8
225	5.71	.238	5.93	5.17	8
250	5.48	.226	5.65	4.95	8
300	5.05	.219	5.21	4.55	8
400	4.43	.167	4.62	4.07	8
500	4.13	.144	4.25	3.81	8
600	3.85	.081	3.92	3.66	8
700	3.64	.068	3.76	3.51	8
800	3.44	.058	3.54	3.34	8
900	3.24	.037	3.29	3.18	8
1000	3.05	.027	3.09	3.01	8
1200	2.75	.017	2.78	2.73	8
1500	2.36	.036	2.39	2.30	6
2000	1.93	.010	1.94	1.92	4
2500	1.75	n/a	n/a	n/a	1
3000	1.61	n/a	n/a	n/a	1

SALINITY

MEAN	S.D.	MAX	MIN	N
32.474	.1123	32.710	32.334	8
32.469	.1083	32.689	32.335	8
32.469	.1090	32.692	32.333	8
32.470	.1080	32.692	32.337	8
32.477	.1021	32.682	32.336	8
32.634	.0760	32.740	32.510	8
32.853	.1513	33.080	32.657	8
33.410	.2212	33.766	33.151	8
33.757	.0803	33.851	33.648	8
33.854	.0347	33.895	33.790	8
33.881	.0242	33.905	33.844	8
33.893	.0197	33.918	33.858	8
33.903	.0232	33.935	33.867	8
33.923	.0278	33.975	33.875	8
33.995	.0277	34.042	33.947	8
34.072	.0207	34.112	34.050	8
34.145	.0179	34.179	34.128	8
34.215	.0211	34.255	34.194	8
34.275	.0228	34.315	34.252	8
34.324	.0207	34.356	34.297	8
34.369	.0212	34.403	34.351	8
34.430	.0225	34.467	34.407	8
34.505	.0214	34.547	34.485	6
34.583	.0088	34.593	34.573	4
34.609	n/a	n/a	n/a	1
34.645	n/a	n/a	n/a	1

SIGMA T

PRESS	MEAN	S.D.	MAX	MIN	N
0	24.983	.0810	25.061	24.814	8
10	24.982	.0791	25.052	24.813	8
20	24.983	.0810	25.060	24.811	8
30	24.984	.0796	25.064	24.818	8
50	25.014	.1113	25.210	24.826	8
75	25.440	.1917	25.563	24.998	8
100	25.783	.0892	25.931	25.688	8
125	26.253	.1551	26.521	26.058	8
150	26.539	.0582	26.612	26.449	8
175	26.641	.0387	26.706	26.575	8
200	26.695	.0280	26.740	26.645	8
225	26.736	.0224	26.773	26.697	8
250	26.772	.0216	26.806	26.740	8
300	26.839	.0259	26.892	26.815	8
400	26.965	.0292	27.025	26.932	8
500	27.058	.0289	27.122	27.032	8
600	27.144	.0221	27.191	27.124	8
700	27.221	.0224	27.266	27.192	8
800	27.289	.0205	27.330	27.272	8
900	27.346	.0171	27.378	27.327	8
1000	27.399	.0185	27.430	27.386	8
1200	27.475	.0186	27.507	27.457	8
1500	27.569	.0205	27.607	27.550	6
2000	27.666	.0089	27.674	27.656	4
2500	27.700	n/a	n/a	n/a	1
3000	27.739	n/a	n/a	n/a	1

SVA

MEAN	S.D.	MAX	MIN	N
298.3	7.73	314.4	290.8	8
298.6	7.55	314.7	291.9	8
298.6	7.70	315.0	291.3	8
298.7	7.60	314.6	291.1	8
296.3	10.65	314.2	277.5	8
255.9	18.40	298.3	244.0	8
223.5	8.41	232.6	209.5	8
179.2	14.65	197.6	153.8	8
152.4	5.54	161.1	145.6	8
143.0	3.76	149.5	136.7	8
138.1	2.77	143.1	133.6	8
134.4	2.21	138.2	130.6	8
131.2	2.16	134.3	127.6	8
125.2	2.56	127.4	119.8	8
113.8	2.85	116.9	108.1	8
105.6	2.88	108.1	99.2	8
98.0	2.20	100.0	93.3	8
91.2	2.17	94.1	86.8	8
85.2	1.99	86.8	81.2	8
80.2	1.66	82.0	77.1	8
75.5	1.79	76.7	72.5	8
68.9	1.70	70.5	65.8	8
60.4	2.04	62.3	56.7	6
51.8	.70	52.7	51.0	4
49.5	n/a	n/a	n/a	1
46.5	n/a	n/a	n/a	1

THETA

PRESS	MEAN	S.D.	MAX	MIN	N
0	10.13	.588	11.00	9.41	8
10	10.11	.555	10.84	9.42	8
20	10.10	.559	10.84	9.39	8
30	10.10	.558	10.83	9.38	8
50	9.94	.714	10.66	8.61	8
75	7.95	1.177	10.20	6.84	8
100	6.76	.373	7.23	6.45	8
125	6.51	.343	6.82	5.77	8
150	6.41	.377	6.85	5.61	8
175	6.21	.349	6.68	5.51	8
200	5.95	.283	6.30	5.36	8
225	5.69	.238	5.91	5.15	8
250	5.46	.226	5.63	4.93	8
300	5.03	.222	5.19	4.52	8
400	4.40	.166	4.59	4.04	8
500	4.09	.141	4.21	3.78	8
600	3.81	.081	3.88	3.62	8
700	3.59	.068	3.71	3.46	8
800	3.38	.059	3.48	3.28	8
900	3.18	.039	3.23	3.11	8
1000	2.98	.027	3.02	2.94	8
1200	2.67	.017	2.70	2.65	8
1500	2.25	.034	2.29	2.20	6
2000	1.79	.010	1.80	1.78	4
2500	1.58	n/a	n/a	n/a	1
3000	1.39	n/a	n/a	n/a	1

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
298.3	7.73	314.4	290.8	8
298.4	7.55	314.5	291.7	8
298.2	7.71	314.6	290.9	8
298.1	7.56	313.9	290.5	8
295.3	10.61	313.2	276.6	8
254.7	18.21	296.7	243.0	8
222.0	8.47	231.1	208.0	8
177.4	14.69	195.9	152.0	8
150.2	5.53	158.8	143.4	8
140.5	3.67	146.8	134.4	8
135.4	2.64	140.1	131.1	8
131.5	2.08	135.1	128.0	8
128.0	2.06	131.1	124.8	8
121.7	2.46	124.0	116.7	8
109.7	2.76	112.8	104.3	8
100.8	2.73	103.3	94.8	8
92.6	2.10	94.5	88.2	8
85.3	2.10	88.0	81.0	8
78.8	1.94	80.4	74.9	8
73.3	1.65	75.2	70.3	8
68.3	1.77	69.5	65.3	8
61.0	1.73	62.7	58.0	8
52.0	1.96	53.8	48.4	6
42.6	.70	43.5	41.8	4
39.1	n/a	n/a	n/a	1
35.1	n/a	n/a	n/a	1

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DELTA D

PRESS	MEAN	S.D.	MAX	MIN	N
0	.000	.0000	.000	.000	8
10	.296	.0074	.310	.290	8
20	.597	.0158	.630	.580	8
30	.894	.0226	.940	.870	8
50	1.496	.0370	1.570	1.460	8
75	2.193	.0528	2.260	2.110	8
100	2.790	.0581	2.880	2.710	8
125	3.294	.0553	3.380	3.210	8
150	3.701	.0582	3.770	3.580	8
175	4.070	.0586	4.130	3.940	8
200	4.420	.0590	4.480	4.290	8
225	4.760	.0598	4.820	4.630	8
250	5.093	.0614	5.160	4.960	8
300	5.734	.0641	5.820	5.610	8
400	6.929	.0720	7.040	6.830	8
500	8.026	.0852	8.160	7.900	8
600	9.046	.1057	9.190	8.860	8
700	9.990	.1273	10.150	9.750	8
800	10.871	.1428	11.040	10.590	8
900	11.699	.1607	11.880	11.380	8
1000	12.475	.1751	12.660	12.130	8
1200	13.915	.2076	14.130	13.510	8
1500	15.855	.2743	16.120	15.330	6
2000	18.785	.1533	18.990	18.620	4
2500	21.540	n/a	n/a	n/a	1
3000	23.960	n/a	n/a	n/a	1

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.00	.000	.00	.00	8
.02	.005	.02	.01	8
.06	.000	.06	.06	8
.14	.005	.14	.13	8
.38	.011	.40	.37	8
.82	.028	.86	.78	8
1.36	.035	1.42	1.31	8
1.93	.047	2.00	1.84	8
2.50	.063	2.55	2.37	8
3.11	.074	3.19	2.96	8
3.78	.081	3.88	3.62	8
4.52	.085	4.64	4.36	8
5.32	.090	5.47	5.17	8
7.12	.102	7.30	6.99	8
11.38	.179	11.65	11.04	8
16.40	.291	16.78	15.79	8
22.11	.437	22.56	21.16	8
28.37	.583	28.91	27.10	8
35.11	.725	35.75	33.53	8
42.26	.885	43.00	40.36	8
49.80	1.020	50.60	47.64	8
65.93	1.424	67.04	63.01	8
92.55	2.355	94.34	87.98	6
143.82	1.609	145.39	141.65	4
203.96	n/a	n/a	n/a	1
271.47	n/a	n/a	n/a	1

OXYGEN

PRESS	MEAN	S.D.	MAX	MIN	N
0	6.42	.222	6.55	6.16	3
10	6.45	.057	6.51	6.40	3
20	6.45	.078	6.54	6.40	3
30	6.44	.084	6.54	6.39	3
50	6.49	.165	6.68	6.39	3
75	6.56	.234	6.83	6.41	3
100	6.28	.411	6.63	5.83	3
125	5.03	.753	5.82	4.32	3
150	4.36	.649	5.10	3.89	3
175	3.87	.731	4.71	3.41	3
200	3.54	.627	4.26	3.11	3
225	3.16	.607	3.86	2.79	3
250	2.82	.661	3.58	2.43	3
300	2.13	.758	2.99	1.55	3
400	1.54	.318	1.90	1.29	3
500	1.03	.121	1.14	.90	3
600	.73	.112	.83	.61	3
700	.55	.115	.68	.46	3
800	.46	.102	.58	.39	3
900	.41	.114	.54	.33	3
1000	.42	.120	.51	.34	2
1200	.44	.057	.48	.40	2
1500	.71	.035	.73	.68	2
2000	1.41	.078	1.46	1.35	2
2500	1.89	n/a	n/a	n/a	1
3000	n/a	n/a	n/a	n/a	0

SOUND

MEAN	S.D.	MAX	MIN	N
1488	2.3	1491	1485	8
1488	2.4	1491	1485	8
1488	2.1	1491	1485	8
1488	2.2	1491	1485	8
1488	2.6	1491	1483	8
1481	4.5	1489	1476	8
1477	1.5	1479	1475	8
1477	1.6	1479	1474	8
1478	1.7	1479	1474	8
1477	1.5	1479	1474	8
1477	1.3	1479	1474	8
1476	1.0	1477	1474	8
1476	1.1	1476	1473	8
1475	.7	1475	1473	8
1474	.8	1475	1472	8
1474	.7	1475	1473	8
1475	.4	1475	1474	8
1476	.4	1476	1475	8
1477	.5	1477	1476	8
1477	.5	1478	1477	8
1478	.4	1479	1478	8
1481	.5	1481	1480	8
1484	.0	1484	1484	6
1490	.0	1490	1490	4
1498	n/a	n/a	n/a	1
1506	n/a	n/a	n/a	1

DELTA DH

PRESS	MEAN	S.D.	MAX	MIN	N
0	12.475	.1737	12.664	12.134	8
10	12.177	.1762	12.369	11.830	8
20	11.878	.1805	12.075	11.522	8
30	11.580	.1830	11.781	11.221	8
50	10.979	.1929	11.189	10.603	8
75	10.282	.1838	10.484	9.904	8
100	9.687	.1850	9.894	9.301	8
125	9.181	.1876	9.375	8.780	8
150	8.773	.1876	8.942	8.371	8
175	8.406	.1808	8.557	8.019	8
200	8.055	.1743	8.191	7.681	8
225	7.714	.1691	7.841	7.351	8
250	7.382	.1646	7.500	7.028	8
300	6.742	.1537	6.847	6.411	8
400	5.547	.1272	5.632	5.273	8
500	4.450	.1017	4.532	4.237	8
600	3.431	.0753	3.498	3.278	8
700	2.486	.0524	2.528	2.382	8
800	1.604	.0342	1.637	1.540	8
900	.778	.0150	.792	.752	8
1000	.000	.0000	.000	.000	8
1200	-1.439	.0380	-1.372	-1.470	8
1500	-3.377	.0967	-3.191	-3.454	6
2000	-6.252	.0773	-6.151	-6.326	4
2500	-8.880	n/a	n/a	n/a	1
3000	-11.290	n/a	n/a	n/a	1

STATION MP16 D E C E M B E R 1956 to 1990

TEMPERATURE

PRESS	MEAN	S.D.	MAX	MIN	N
0	9.38	.665	10.38	8.34	13
10	9.34	.707	10.39	8.33	13
20	9.34	.699	10.39	8.30	13
30	9.32	.676	10.37	8.31	13
50	9.29	.648	10.29	8.30	13
75	8.23	1.060	9.64	6.43	13
100	6.57	.589	7.57	5.74	13
125	6.41	.444	7.05	5.75	12
150	6.40	.355	7.02	5.67	12
175	6.23	.385	6.86	5.51	12
200	5.98	.408	6.59	5.19	12
225	5.68	.384	6.23	4.91	12
250	5.40	.342	6.02	4.77	12
300	4.93	.285	5.52	4.39	12
400	4.27	.139	4.47	3.96	10
500	4.04	.108	4.14	3.82	10
600	3.81	.082	3.89	3.65	10
700	3.60	.049	3.66	3.51	10
800	3.41	.039	3.47	3.36	10
900	3.22	.020	3.25	3.19	10
1000	3.06	.023	3.09	3.03	10
1200	2.74	.043	2.84	2.69	10
1500	2.34	.023	2.38	2.32	5
2000	1.94	n/a	n/a	n/a	1
2500	1.73	n/a	n/a	n/a	1
3000	1.62	n/a	n/a	n/a	1

SALINITY

MEAN	S.D.	MAX	MIN	N
32.478	.1114	32.698	32.340	13
32.481	.1038	32.695	32.340	13
32.482	.1010	32.693	32.340	13
32.487	.1019	32.693	32.345	13
32.506	.0995	32.698	32.350	13
32.656	.1650	32.950	32.450	13
32.903	.1167	33.145	32.740	13
33.323	.1551	33.671	33.096	12
33.689	.0913	33.844	33.540	12
33.813	.0482	33.885	33.696	12
33.863	.0383	33.930	33.767	12
33.876	.0345	33.928	33.797	12
33.883	.0345	33.939	33.809	12
33.901	.0264	33.959	33.858	12
33.970	.0186	34.007	33.948	10
34.065	.0163	34.086	34.038	10
34.145	.0120	34.159	34.117	10
34.217	.0118	34.247	34.192	10
34.279	.0115	34.300	34.260	10
34.326	.0144	34.350	34.313	10
34.363	.0132	34.382	34.346	10
34.430	.0145	34.454	34.414	10
34.497	.0154	34.525	34.486	5
34.579	n/a	n/a	n/a	1
34.626	n/a	n/a	n/a	1
34.644	n/a	n/a	n/a	1

SIGMA T

PRESS	MEAN	S.D.	MAX	MIN	N
0	25.108	.1603	25.365	24.891	13
10	25.115	.1618	25.365	24.889	13
20	25.117	.1578	25.365	24.903	13
30	25.124	.1516	25.367	24.921	13
50	25.144	.1407	25.371	24.943	13
75	25.419	.2546	25.807	25.046	13
100	25.848	.0736	25.979	25.724	13
125	26.199	.1066	26.444	26.064	12
150	26.489	.0672	26.616	26.335	12
175	26.608	.0492	26.681	26.532	12
200	26.679	.0428	26.733	26.613	12
225	26.726	.0315	26.760	26.669	12
250	26.766	.0272	26.796	26.719	12
300	26.834	.0250	26.879	26.804	12
400	26.962	.0237	27.001	26.931	10
500	27.062	.0190	27.090	27.033	10
600	27.149	.0139	27.167	27.121	10
700	27.227	.0119	27.256	27.215	10
800	27.294	.0110	27.316	27.279	10
900	27.349	.0118	27.367	27.337	10
1000	27.394	.0120	27.412	27.381	10
1200	27.476	.0140	27.499	27.459	10
1500	27.563	.0118	27.583	27.554	5
2000	27.661	n/a	n/a	n/a	1
2500	27.715	n/a	n/a	n/a	1
3000	27.738	n/a	n/a	n/a	1

SVA

MEAN	S.D.	MAX	MIN	N
286.4	15.26	307.0	262.0	13
285.9	15.40	307.4	262.1	13
285.9	15.02	306.2	262.3	13
285.4	14.45	304.7	262.2	13
283.8	13.45	303.0	262.1	13
258.0	24.33	293.7	220.9	13
217.3	7.02	229.3	205.0	13
184.3	10.10	197.3	161.2	12
157.1	6.39	171.8	145.1	12
146.2	4.76	153.6	139.2	12
139.7	4.20	146.2	134.6	12
135.3	3.14	141.0	132.0	12
131.7	2.71	136.4	128.7	12
125.6	2.53	128.5	121.1	12
113.9	2.34	117.0	110.1	10
105.1	1.88	107.9	102.3	10
97.5	1.36	100.1	95.6	10
90.6	1.18	91.8	87.8	10
84.8	1.08	86.1	82.6	10
79.9	1.14	81.0	78.2	10
75.3	1.21	77.1	74.2	10
68.7	1.37	70.6	66.4	10
60.9	1.05	61.8	59.2	5
52.3	n/a	n/a	n/a	1
48.0	n/a	n/a	n/a	1
46.7	n/a	n/a	n/a	1

THETA

PRESS	MEAN	S.D.	MAX	MIN	N
0	9.38	.665	10.38	8.34	13
10	9.34	.709	10.39	8.32	13
20	9.34	.699	10.39	8.30	13
30	9.32	.676	10.37	8.31	13
50	9.28	.647	10.28	8.30	13
75	8.23	1.059	9.63	6.43	13
100	6.56	.590	7.56	5.73	13
125	6.40	.442	7.04	5.74	12
150	6.38	.357	7.01	5.66	12
175	6.22	.381	6.84	5.50	12
200	5.96	.408	6.57	5.17	12
225	5.66	.383	6.21	4.89	12
250	5.38	.340	5.99	4.75	12
300	4.91	.283	5.49	4.37	12
400	4.24	.139	4.44	3.93	10
500	4.00	.106	4.10	3.79	10
600	3.77	.085	3.85	3.60	10
700	3.55	.049	3.61	3.46	10
800	3.35	.037	3.41	3.30	10
900	3.16	.022	3.18	3.13	10
1000	2.99	.023	3.02	2.96	10
1200	2.66	.041	2.75	2.61	10
1500	2.24	.023	2.28	2.22	5
2000	1.80	n/a	n/a	n/a	1
2500	1.56	n/a	n/a	n/a	1
3000	1.40	n/a	n/a	n/a	1

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
286.4	15.26	307.0	262.0	13
285.7	15.38	307.2	261.9	13
285.5	15.00	305.8	261.9	13
284.9	14.44	304.1	261.7	13
282.9	13.38	302.0	261.3	13
256.7	24.20	292.2	219.8	13
216.0	7.01	227.7	203.4	13
182.6	10.14	195.4	159.3	12
155.0	6.38	169.6	142.9	12
143.7	4.55	150.9	136.8	12
137.0	4.07	143.2	131.8	12
132.4	2.97	137.8	129.3	12
128.6	2.55	133.1	125.8	12
122.2	2.36	125.0	117.9	12
110.0	2.23	112.9	106.3	10
100.4	1.77	103.1	97.8	10
92.2	1.28	94.8	90.5	10
84.7	1.15	85.9	81.9	10
78.3	1.03	79.7	76.3	10
73.0	1.13	74.1	71.3	10
68.7	1.14	69.9	67.1	10
60.9	1.31	62.5	58.7	10
52.5	1.10	53.4	50.7	5
43.0	n/a	n/a	n/a	1
37.7	n/a	n/a	n/a	1
35.2	n/a	n/a	n/a	1

STATION MP16 D E C E M B E R 1956 to 1990

DELTA D

PRESS	MEAN	S.D.	MAX	MIN	N
0	.000	.0000	.000	.000	13
10	.285	.0166	.310	.260	13
20	.572	.0313	.620	.520	13
30	.859	.0452	.920	.790	13
50	1.428	.0734	1.530	1.310	13
75	2.109	.0911	2.270	1.930	13
100	2.700	.1055	2.910	2.460	13
125	3.202	.1171	3.430	2.970	12
150	3.623	.1246	3.880	3.410	12
175	4.001	.1288	4.270	3.790	12
200	4.356	.1347	4.640	4.140	12
225	4.702	.1403	5.000	4.480	12
250	5.033	.1436	5.340	4.800	12
300	5.680	.1506	6.000	5.440	12
400	6.839	.1378	7.040	6.600	10
500	7.935	.1527	8.160	7.670	10
600	8.946	.1655	9.200	8.660	10
700	9.886	.1766	10.160	9.580	10
800	10.752	.1832	11.050	10.450	10
900	11.585	.1910	11.880	11.260	10
1000	12.364	.1985	12.670	12.030	10
1200	13.810	.2112	14.120	13.460	10
1500	15.782	.2713	16.020	15.360	5
2000	18.850	n/a	n/a	n/a	1
2500	21.350	n/a	n/a	n/a	1
3000	23.720	n/a	n/a	n/a	1

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.00	.000	.00	.00	13
.01	.005	.02	.01	13
.06	.004	.06	.05	13
.13	.007	.14	.12	13
.36	.019	.39	.33	13
.80	.037	.87	.72	13
1.32	.056	1.43	1.20	13
1.89	.070	2.03	1.78	12
2.48	.086	2.65	2.31	12
3.11	.104	3.31	2.90	12
3.79	.120	4.02	3.55	12
4.54	.137	4.79	4.27	12
5.34	.149	5.61	5.06	12
7.14	.177	7.45	6.84	12
11.34	.213	11.62	11.08	10
16.36	.298	16.75	16.01	10
22.03	.378	22.57	21.56	10
28.24	.465	28.93	27.63	10
34.94	.537	35.74	34.13	10
42.07	.615	42.95	41.08	10
49.61	.717	50.59	48.46	10
65.81	.937	66.91	64.25	10
92.92	1.254	93.99	90.89	5
144.81	n/a	n/a	n/a	1
202.14	n/a	n/a	n/a	1
268.62	n/a	n/a	n/a	1

OXYGEN

PRESS	MEAN	S.D.	MAX	MIN	N
0	6.63	n/a	n/a	n/a	1
10	6.58	n/a	n/a	n/a	1
20	6.55	n/a	n/a	n/a	1
30	6.55	n/a	n/a	n/a	1
50	6.56	n/a	n/a	n/a	1
75	6.54	n/a	n/a	n/a	1
100	6.46	n/a	n/a	n/a	1
125	4.97	n/a	n/a	n/a	1
150	4.36	n/a	n/a	n/a	1
175	4.35	n/a	n/a	n/a	1
200	3.86	n/a	n/a	n/a	1
225	3.56	n/a	n/a	n/a	1
250	3.27	n/a	n/a	n/a	1
300	2.64	n/a	n/a	n/a	1
400	1.69	n/a	n/a	n/a	1
500	1.21	n/a	n/a	n/a	1
600	.66	n/a	n/a	n/a	1
700	.52	n/a	n/a	n/a	1
800	.40	n/a	n/a	n/a	1
900	.36	n/a	n/a	n/a	1
1000	.33	n/a	n/a	n/a	1
1200	.37	n/a	n/a	n/a	1
1500	.66	n/a	n/a	n/a	1
2000	1.30	n/a	n/a	n/a	1
2500	1.94	n/a	n/a	n/a	1
3000	2.44	n/a	n/a	n/a	1

SOUND

MEAN	S.D.	MAX	MIN	N
1485	2.5	1489	1481	13
1485	2.6	1489	1481	13
1485	2.6	1489	1481	13
1485	2.5	1489	1481	13
1485	2.3	1489	1482	13
1482	4.0	1487	1475	13
1476	2.5	1480	1473	13
1477	1.8	1479	1474	12
1477	1.6	1480	1474	12
1477	1.6	1480	1474	12
1477	1.7	1479	1473	12
1476	1.5	1478	1473	12
1475	1.4	1478	1473	12
1474	1.4	1477	1472	12
1473	.6	1474	1472	10
1474	.4	1474	1473	10
1475	.5	1475	1474	10
1476	.5	1476	1475	10
1476	.5	1477	1476	10
1477	.0	1477	1477	10
1478	.4	1479	1478	10
1480	.5	1481	1480	10
1484	.0	1484	1484	5
1490	n/a	n/a	n/a	1
1498	n/a	n/a	n/a	1
1506	n/a	n/a	n/a	1

DELTA DH

PRESS	MEAN	S.D.	MAX	MIN	N
0	12.363	.1972	12.669	12.031	10
10	12.076	.1951	12.375	11.769	10
20	11.789	.1938	12.079	11.507	10
30	11.502	.1933	11.784	11.245	10
50	10.930	.1950	11.199	10.706	10
75	10.256	.1703	10.495	10.040	10
100	9.675	.1492	9.921	9.480	10
125	9.175	.1385	9.404	8.971	10
150	8.755	.1333	8.944	8.548	10
175	8.381	.1269	8.540	8.177	10
200	8.027	.1203	8.169	7.830	10
225	7.687	.1139	7.820	7.496	10
250	7.355	.1087	7.484	7.170	10
300	6.716	.0996	6.844	6.544	10
400	5.525	.0798	5.634	5.384	10
500	4.430	.0593	4.513	4.321	10
600	3.417	.0448	3.473	3.330	10
700	2.478	.0319	2.513	2.415	10
800	1.602	.0215	1.622	1.565	10
900	.779	.0117	.792	.762	10
1000	.000	.0000	.000	.000	10
1200	-1.445	.0221	-1.409	-1.476	10
1500	-3.403	.0490	-3.327	-3.453	5
2000	-6.310	n/a	n/a	n/a	1
2500	-8.811	n/a	n/a	n/a	1
3000	-11.183	n/a	n/a	n/a	1

Table 10. As in Table 6, for Station 8 (P16).

Table 10 : STATION MP16 A L L D A T A (JANUARY-DECEMBER) 1956 to 1990

SIGMA -T.	TEMPERATURE MEAN	S.D.	MAX	MIN	N	SALINITY MEAN	S.D.	MAX	MIN	N
23.60	15.85	.614	16.55	15.42	3	32.143	.2001	32.373	32.008	3
23.80	15.50	.518	15.99	14.60	9	32.311	.1461	32.436	32.057	9
24.00	14.78	.482	15.42	13.63	18	32.368	.1206	32.530	32.128	18
24.20	14.07	.460	14.91	12.77	36	32.441	.1128	32.660	32.191	36
24.40	13.09	.448	14.02	12.00	48	32.459	.1070	32.674	32.243	48
24.60	12.12	.410	13.00	11.30	53	32.480	.0977	32.687	32.299	53
24.80	11.11	.382	12.01	10.40	63	32.496	.0899	32.699	32.340	63
25.00	10.07	.377	11.10	9.42	82	32.510	.0842	32.711	32.351	82
25.20	9.03	.379	10.08	8.22	101	32.542	.0779	32.743	32.370	101
25.40	7.96	.397	9.29	7.19	136	32.583	.0752	32.833	32.438	136
25.60	7.03	.451	8.47	5.99	169	32.670	.0799	32.927	32.497	169
25.80	6.46	.578	8.00	5.07	182	32.830	.0968	33.136	32.611	182
26.00	6.28	.527	7.74	5.11	182	33.056	.0866	33.331	32.871	182
26.20	6.21	.472	7.55	5.25	181	33.296	.0768	33.520	33.144	181
26.40	6.15	.431	7.32	5.25	181	33.539	.0696	33.734	33.403	181
26.60	5.99	.378	6.98	4.94	181	33.765	.0601	33.928	33.608	181
26.80	5.07	.264	5.79	4.38	180	33.878	.0383	33.986	33.781	180
27.00	4.24	.165	4.69	3.76	157	34.015	.0224	34.076	33.955	157
27.10	3.97	.125	4.35	3.74	152	34.105	.0163	34.155	34.076	152
27.20	3.70	.093	3.98	3.49	150	34.197	.0114	34.233	34.171	150
27.30	3.41	.078	3.70	3.21	149	34.287	.0094	34.322	34.263	149
27.40	3.05	.062	3.22	2.80	146	34.370	.0068	34.390	34.341	146
27.50	2.64	.064	2.84	2.47	129	34.451	.0069	34.472	34.431	129
27.60	2.22	.066	2.40	2.13	39	34.534	.0068	34.549	34.526	39
27.70	1.79	.040	1.86	1.72	15	34.614	.0050	34.621	34.606	15
27.75	1.59	.015	1.62	1.57	11	34.657	.0051	34.661	34.655	11
27.76	1.59	.000	1.59	1.59	2	34.669	.0000	34.670	34.669	2

SIGMA -T.	DEPTH MEAN	S.D.	MAX	MIN	N	SVA MEAN	S.D.	MAX	MIN	N
23.60	22	2.5	25	20	3	430.7	.07	430.8	430.6	3
23.80	24	6.1	31	11	9	411.6	.16	411.8	411.3	9
24.00	23	9.5	35	5	18	392.5	.22	392.7	392.1	18
24.20	26	8.7	40	7	36	373.4	.21	373.9	373.0	36
24.40	30	9.7	50	3	48	354.4	.23	354.9	353.8	48
24.60	33	10.3	54	6	53	335.3	.24	335.8	334.6	53
24.80	36	10.3	60	15	63	316.3	.23	316.8	315.7	63
25.00	39	13.9	75	0	82	297.3	.27	298.1	296.7	82
25.20	48	15.3	78	1	101	278.4	.27	279.0	277.6	101
25.40	60	18.5	104	9	136	259.5	.28	260.2	258.7	136
25.60	80	18.2	116	9	169	240.6	.26	241.3	239.7	169
25.80	101	11.1	132	69	182	221.8	.18	222.3	221.3	182
26.00	114	10.6	140	74	182	202.9	.16	203.5	202.4	182
26.20	126	11.3	156	80	181	184.1	.16	184.7	183.7	181
26.40	140	12.2	177	89	181	165.4	.18	166.0	165.0	181
26.60	170	13.3	208	128	181	146.8	.24	147.4	146.3	181
26.80	264	21.6	333	216	180	128.5	.32	129.8	127.8	180
27.00	425	28.9	515	359	157	110.5	.36	111.9	109.7	157
27.10	531	29.3	629	465	152	101.7	.33	102.9	101.0	152
27.20	654	31.9	785	576	150	93.0	.30	93.9	92.2	150
27.30	803	35.0	968	719	149	84.2	.26	85.1	83.6	149
27.40	993	40.6	1194	904	146	75.4	.19	76.1	74.9	146
27.50	1252	50.3	1404	1129	129	66.6	.17	67.0	66.1	129
27.60	1628	80.2	1742	1422	39	57.9	.24	58.3	57.3	39
27.70	2309	105.5	2494	2095	15	49.4	.17	49.6	49.0	15
27.75	3122	198.0	3432	2808	11	46.1	.50	46.8	45.4	11
27.76	3090	176.1	3214	2965	2	45.1	.71	45.6	44.6	2

SIGMA -T.	THETA MEAN	S.D.	MAX	MIN	N	SVA (THETA) MEAN	S.D.	MAX	MIN	N
23.60	15.84	.616	16.55	15.42	3	429.1	1.47	430.0	427.4	3
23.80	15.50	.517	15.99	14.60	9	409.6	1.37	410.9	406.4	9
24.00	14.78	.481	15.42	13.63	18	390.4	2.16	391.9	385.2	18
24.20	14.07	.458	14.90	12.77	36	370.9	2.23	372.8	364.4	36
24.40	13.09	.448	14.01	11.99	48	350.8	3.14	353.7	341.7	48
24.60	12.11	.411	12.99	11.29	53	331.4	3.39	334.7	321.1	53
24.80	11.11	.383	12.01	10.40	63	312.8	3.28	315.6	301.8	63
25.00	10.06	.378	11.09	9.42	82	294.6	2.61	296.7	284.7	82
25.20	9.02	.379	10.08	8.21	101	276.2	1.87	277.6	269.6	101
25.40	7.95	.397	9.28	7.19	136	257.9	.87	258.5	254.6	136
25.60	7.02	.450	8.46	5.99	169	239.0	.55	239.6	236.6	169
25.80	6.45	.578	8.00	5.06	182	220.1	.47	220.5	217.3	182
26.00	6.27	.527	7.73	5.11	182	201.0	.46	201.5	199.0	182
26.20	6.20	.472	7.54	5.24	181	182.1	.35	182.5	180.9	181
26.40	6.14	.431	7.31	5.24	181	163.3	.17	163.5	162.6	181
26.60	5.98	.378	6.96	4.92	181	144.4	.05	144.5	144.2	181
26.80	5.05	.262	5.76	4.36	180	125.4	.08	125.5	124.8	180
27.00	4.21	.163	4.65	3.74	157	106.3	.11	106.4	106.0	157
27.10	3.93	.124	4.31	3.70	152	96.7	.08	96.9	96.6	152
27.20	3.65	.093	3.93	3.44	150	87.2	.07	87.3	87.0	150
27.30	3.35	.078	3.64	3.15	149	77.7	.04	77.7	77.6	149
27.40	2.98	.063	3.16	2.72	146	68.1	.07	68.2	67.9	146
27.50	2.56	.067	2.76	2.38	129	58.5	.11	58.6	58.3	129
27.60	2.11	.072	2.30	2.02	39	48.7	.14	49.1	48.5	39
27.70	1.63	.048	1.72	1.54	15	39.1	.05	39.2	39.0	15
27.75	1.35	.034	1.42	1.32	11	34.0	.11	34.1	33.8	11
27.76	1.36	.021	1.37	1.34	2	33.1	.21	33.2	32.9	2

STATION MP16 A L L D A T A (JANUARY-DECEMBER) 1956 to 1990

DELTA D

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	.973	.1050	1.080	.870	3
23.80	1.019	.2632	1.330	.450	9
24.00	.936	.4040	1.490	.200	18
24.20	1.043	.3613	1.640	.250	36
24.40	1.158	.3847	1.830	.120	48
24.60	1.253	.4078	2.010	.200	53
24.80	1.317	.4171	2.200	.510	63
25.00	1.368	.5068	2.380	.000	82
25.20	1.578	.5142	2.550	.030	101
25.40	1.823	.5772	2.870	.250	136
25.60	2.271	.5542	3.420	.220	169
25.80	2.726	.3891	3.780	1.610	182
26.00	3.017	.3719	4.040	1.800	182
26.20	3.237	.3876	4.260	1.980	181
26.40	3.489	.4090	4.620	2.200	181
26.60	3.949	.4112	5.030	2.810	181
26.80	5.240	.4658	6.300	4.050	180
27.00	7.179	.5456	8.540	5.920	157
27.10	8.318	.5525	9.820	7.010	152
27.20	9.524	.5716	11.360	8.210	150
27.30	10.854	.5919	13.000	9.510	149
27.40	12.389	.6305	14.840	11.020	146
27.50	14.200	.6591	16.000	12.750	129
27.60	16.723	.7657	17.650	14.670	39
27.70	20.363	.8418	21.540	18.700	15
27.75	24.327	1.3558	26.280	21.900	11
27.76	23.655	1.4637	24.690	22.620	2

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.11	.025	.14	.09	3
.13	.058	.21	.02	9
.13	.079	.26	.01	18
.16	.086	.32	.01	36
.20	.112	.47	.00	48
.23	.125	.55	.01	53
.26	.140	.66	.04	63
.30	.187	.86	.00	82
.41	.226	.95	.00	101
.59	.313	1.49	.01	136
.94	.362	1.85	.01	169
1.35	.293	2.33	.56	182
1.67	.297	2.55	.72	182
1.94	.334	2.99	.82	181
2.29	.388	3.62	.95	181
3.02	.460	4.58	1.63	181
5.90	.895	8.75	3.91	180
12.73	1.696	18.22	9.04	157
18.32	2.052	25.66	13.97	152
25.67	2.599	36.85	19.80	150
35.62	3.257	51.66	28.57	149
49.75	4.276	72.04	40.65	146
71.05	5.688	88.66	58.04	129
106.54	9.659	120.53	83.55	39
181.39	14.583	204.93	153.77	15
291.81	33.247	343.54	237.92	11
283.61	34.210	307.80	259.42	2

DELTA DH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	12.146	.2443	12.401	11.914	3
23.80	11.937	.1049	12.074	11.788	8
24.00	11.908	.2721	12.393	11.474	16
24.20	11.711	.2262	12.310	11.288	31
24.40	11.560	.2445	12.285	11.134	41
24.60	11.437	.2381	12.105	10.978	45
24.80	11.325	.2225	12.028	10.784	50
25.00	11.212	.3569	12.645	10.375	66
25.20	10.960	.3802	12.253	10.178	81
25.40	10.615	.4296	11.982	9.627	110
25.60	10.078	.3996	11.641	9.415	137
25.80	9.626	.2452	10.405	9.043	147
26.00	9.344	.2405	10.276	8.853	147
26.20	9.128	.2464	10.159	8.613	147
26.40	8.879	.2377	9.812	8.303	147
26.60	8.417	.1796	8.935	7.952	147
26.80	7.112	.1656	7.453	6.680	147
27.00	5.168	.2103	5.703	4.609	147
27.10	4.043	.2126	4.520	3.384	147
27.20	2.838	.2339	3.401	1.843	147
27.30	1.511	.2665	2.138	.197	147
27.40	-0.025	.3129	.640	-1.637	146
27.50	-1.872	.3800	-0.965	-3.042	129
27.60	-4.235	.5633	-2.836	-5.022	39
27.70	-7.931	.6297	-6.700	-8.901	15
27.75	-11.847	1.0738	-10.013	-13.434	11
27.76	-11.570	1.1837	-10.733	-12.407	2

ACC. POT.

MEAN	S.D.	MAX	MIN	N
13.106	.1430	13.267	12.993	3
12.991	.1183	13.210	12.823	8
12.777	.2479	13.147	12.112	16
12.718	.2474	13.088	12.043	31
12.647	.2601	13.037	11.961	41
12.577	.2506	12.976	11.922	45
12.506	.2529	13.186	11.872	50
12.400	.2463	13.108	11.708	66
12.317	.2406	13.024	11.661	81
12.215	.2299	12.902	11.598	110
12.049	.2232	12.739	11.468	137
11.876	.2104	12.562	11.368	147
11.671	.2046	12.364	11.192	147
11.445	.2004	12.152	10.987	147
11.197	.1975	11.911	10.759	147
10.915	.1915	11.608	10.492	147
10.533	.1691	11.135	10.140	147
9.919	.1308	10.386	9.599	147
9.495	.1075	9.876	9.222	147
8.972	.0818	9.269	8.753	147
8.332	.0520	8.504	8.194	147
7.537	.0183	7.588	7.479	146
6.544	.0303	6.627	6.434	129
5.301	.0675	5.473	5.205	39
3.621	.1053	3.842	3.496	15
2.768	.1061	2.954	2.605	11
2.569	.1492	2.675	2.464	2

OXYGEN

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	6.02	n/a	n/a	n/a	1
23.80	6.11	.092	6.17	6.04	2
24.00	6.26	.017	6.28	6.25	3
24.20	6.32	.158	6.50	6.12	6
24.40	6.48	.253	6.91	6.22	7
24.60	6.57	.263	7.00	6.30	8
24.80	6.62	.237	6.93	6.27	9
25.00	6.67	.260	7.08	6.28	11
25.20	6.72	.293	7.21	6.29	15
25.40	6.78	.293	7.20	6.31	19
25.60	6.52	.375	7.10	5.86	23
25.80	6.12	.442	6.77	5.11	26
26.00	5.57	.477	6.45	4.41	26
26.20	5.04	.487	5.98	3.82	26
26.40	4.48	.462	5.53	3.29	26
26.60	3.89	.472	4.67	2.85	26
26.80	2.58	.379	3.25	1.73	26
27.00	1.25	.166	1.55	.93	26
27.10	.83	.104	.99	.62	26
27.20	.59	.080	.78	.44	26
27.30	.43	.065	.56	.28	26
27.40	.41	.079	.66	.30	25
27.50	.56	.118	.98	.45	23
27.60	.97	.082	1.16	.82	20
27.70	1.77	.096	1.92	1.61	15
27.75	2.60	.110	2.72	2.40	11
27.76	2.69	.184	2.82	2.56	2

SOUND

MEAN	S.D.	MAX	MIN	N
1507	2.1	1509	1505	3
1506	1.9	1508	1503	9
1504	1.7	1506	1500	18
1502	1.7	1505	1497	36
1499	1.7	1502	1495	48
1495	1.6	1498	1492	53
1492	1.4	1495	1489	63
1488	1.4	1492	1485	82
1484	1.5	1489	1481	101
1481	1.7	1486	1477	136
1477	2.0	1483	1473	169
1476	2.4	1482	1470	182
1476	2.2	1481	1471	182
1476	2.0	1481	1472	181
1476	1.8	1480	1473	181
1476	1.7	1480	1472	181
1474	1.3	1478	1471	180
1474	1.0	1477	1471	157
1474	.9	1477	1472	152
1475	.8	1477	1474	150
1477	.6	1479	1475	149
1478	.6	1481	1477	146
1481	.7	1483	1480	129
1486	1.2	1487	1483	39
1496	1.6	1498	1492	15
1509	3.3	1514	1503	11
1508	2.8	1510	1506	2

Table 11. As in Table 7, for Station 8 (P16).

Table 11 STATION MP16 J A N U A R Y 1956 to 1998

TEMPERATURE

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	8.78	.423	9.05	8.29	3
25.40	7.95	.503	8.70	7.30	8
25.60	7.24	.518	8.32	6.08	13
25.80	6.77	.742	8.00	5.44	13
26.00	6.50	.709	7.73	5.11	13
26.20	6.40	.631	7.49	5.25	13
26.40	6.32	.563	7.28	5.36	13
26.60	6.12	.431	6.82	5.37	13
26.80	5.21	.318	5.79	4.79	13
27.00	4.26	.211	4.69	3.97	13
27.10	3.97	.174	4.31	3.74	13
27.20	3.69	.113	3.90	3.50	13
27.30	3.40	.075	3.55	3.26	12
27.40	3.05	.055	3.14	2.96	11
27.50	2.63	.056	2.69	2.54	9
27.60	2.16	n/a	n/a	n/a	1
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

SALINITY

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
32.482	.0886	32.538	32.380	3
32.578	.0926	32.716	32.456	8
32.710	.1132	32.925	32.509	13
32.885	.1324	33.136	32.665	13
33.092	.1219	33.331	32.871	13
33.328	.1051	33.513	33.144	13
33.566	.0931	33.728	33.416	13
33.786	.0698	33.901	33.668	13
33.899	.0481	33.986	33.838	13
34.017	.0288	34.076	33.978	13
34.106	.0226	34.149	34.076	13
34.196	.0138	34.222	34.172	13
34.285	.0093	34.304	34.269	12
34.370	.0055	34.381	34.359	11
34.448	.0068	34.455	34.438	9
34.528	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

DEPTH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	62	3.1	65	59	3
25.40	81	13.4	104	68	8
25.60	88	12.4	113	72	13
25.80	97	11.9	122	76	13
26.00	107	14.7	140	80	13
26.20	118	16.2	156	88	13
26.40	136	15.5	177	109	13
26.60	172	16.3	208	149	13
26.80	271	34.0	333	227	13
27.00	439	41.2	515	394	13
27.10	539	38.9	612	485	13
27.20	663	40.5	744	607	13
27.30	813	36.7	896	766	12
27.40	993	28.9	1040	952	11
27.50	1263	26.0	1307	1228	9
27.60	1742	n/a	n/a	n/a	1
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

SVA

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
278.6	.01	278.7	278.6	3
259.8	.18	260.2	259.6	8
240.8	.21	241.3	240.5	13
221.8	.18	222.3	221.6	13
202.9	.19	203.5	202.7	13
184.1	.21	184.7	183.9	13
165.4	.23	166.0	165.2	13
146.8	.34	147.4	146.4	13
128.7	.58	129.8	127.9	13
110.7	.58	111.9	110.1	13
101.8	.54	102.9	101.3	13
93.0	.46	93.9	92.6	13
84.3	.37	85.0	83.9	12
75.4	.20	75.9	75.2	11
66.5	.13	66.7	66.3	9
58.2	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

THETA

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	8.77	.423	9.04	8.28	3
25.40	7.94	.500	8.69	7.30	8
25.60	7.23	.618	8.31	6.07	13
25.80	6.76	.745	8.00	5.43	13
26.00	6.49	.707	7.72	5.11	13
26.20	6.39	.633	7.49	5.24	13
26.40	6.31	.562	7.27	5.37	13
26.60	6.10	.430	6.81	5.36	13
26.80	5.19	.316	5.76	4.77	13
27.00	4.22	.209	4.65	3.93	13
27.10	3.93	.170	4.26	3.70	13
27.20	3.64	.109	3.84	3.45	13
27.30	3.34	.073	3.49	3.21	12
27.40	2.98	.053	3.06	2.89	11
27.50	2.54	.057	2.60	2.45	9
27.60	2.03	n/a	n/a	n/a	1
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
276.9	.87	277.5	275.9	3
258.2	.27	258.5	257.6	8
238.9	.68	239.4	237.1	13
220.0	.90	220.5	217.3	13
201.1	.74	201.4	199.0	13
182.2	.21	182.4	181.8	13
163.3	.15	163.4	162.9	13
144.4	.06	144.4	144.2	13
125.3	.16	125.4	124.8	13
106.3	.11	106.4	106.1	13
96.7	.08	96.8	96.6	13
87.2	.10	87.3	87.0	13
77.7	.05	77.7	77.6	12
68.1	.07	68.2	68.0	11
58.6	.07	58.6	58.4	9
48.6	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

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DELTA D

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	1.810	.0721	1.870	1.730	3
25.40	2.234	.3025	2.800	1.900	8
25.60	2.352	.2925	3.030	2.030	13
25.80	2.546	.2854	3.250	2.190	13
26.00	2.775	.3462	3.630	2.280	13
26.20	2.985	.3696	3.940	2.420	13
26.40	3.295	.3668	4.310	2.790	13
26.60	3.853	.3568	4.790	3.430	13
26.80	5.225	.5507	6.160	4.680	13
27.00	7.239	.6443	8.350	6.500	13
27.10	8.316	.6201	9.370	7.460	13
27.20	9.528	.6155	10.680	8.660	13
27.30	10.903	.5691	12.050	10.360	12
27.40	12.325	.4815	13.230	11.850	11
27.50	14.214	.3458	14.830	13.810	9
27.60	17.450	n/a	n/a	n/a	1
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

POT. ENERGY

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	.58	.052	.61	.52	3
25.40	.95	.294	1.49	.66	8
25.60	1.07	.291	1.74	.76	13
25.80	1.26	.308	2.01	.83	13
26.00	1.50	.404	2.53	.91	13
26.20	1.75	.470	2.99	1.03	13
26.40	2.15	.523	3.62	1.40	13
26.60	3.03	.577	4.58	2.41	13
26.80	6.20	1.430	8.75	4.65	13
27.00	13.54	2.580	18.22	10.89	13
27.10	18.94	2.899	24.31	15.23	13
27.20	26.43	3.483	33.46	21.94	13
27.30	36.71	3.711	44.99	32.51	12
27.40	49.99	3.474	56.67	45.65	11
27.50	71.97	3.036	77.66	67.59	9
27.60	120.53	n/a	n/a	n/a	1
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

DELTA DH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	10.778	.4695	11.110	10.446	2
25.40	10.116	.3398	10.715	9.627	7
25.60	9.910	.3165	10.547	9.425	11
25.80	9.706	.3041	10.405	9.319	11
26.00	9.462	.3407	10.276	9.075	11
26.20	9.246	.3563	10.159	8.872	11
26.40	8.941	.3064	9.652	8.529	11
26.60	8.418	.1946	8.731	8.159	11
26.80	7.097	.2325	7.451	6.707	11
27.00	5.086	.2758	5.372	4.609	11
27.10	3.991	.2475	4.283	3.467	11
27.20	2.778	.2585	3.041	2.154	11
27.30	1.443	.2908	1.776	.785	11
27.40	-0.024	.2209	.286	-0.358	11
27.50	-1.948	.1976	-1.672	-2.286	9
27.60	-5.022	n/a	n/a	n/a	1
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

ACC. POT.

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	12.516	.3543	12.767	12.266	2
25.40	12.291	.3364	12.880	11.952	7
25.60	12.091	.2716	12.673	11.817	11
25.80	11.911	.2642	12.451	11.665	11
26.00	11.713	.2591	12.202	11.474	11
26.20	11.493	.2565	11.983	11.259	11
26.40	11.252	.2579	11.795	11.022	11
26.60	10.966	.2482	11.516	10.730	11
26.80	10.579	.2140	11.062	10.369	11
27.00	9.948	.1567	10.309	9.802	11
27.10	9.516	.1269	9.811	9.385	11
27.20	8.986	.0958	9.203	8.879	11
27.30	8.338	.0597	8.469	8.261	11
27.40	7.540	.0207	7.588	7.513	11
27.50	6.539	.0228	6.576	6.512	9
27.60	5.232	n/a	n/a	n/a	1
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

OXYGEN

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	n/a	n/a	n/a	n/a	0
25.60	n/a	n/a	n/a	n/a	0
25.80	n/a	n/a	n/a	n/a	0
26.00	n/a	n/a	n/a	n/a	0
26.20	n/a	n/a	n/a	n/a	0
26.40	n/a	n/a	n/a	n/a	0
26.60	n/a	n/a	n/a	n/a	0
26.80	n/a	n/a	n/a	n/a	0
27.00	n/a	n/a	n/a	n/a	0
27.10	n/a	n/a	n/a	n/a	0
27.20	n/a	n/a	n/a	n/a	0
27.30	n/a	n/a	n/a	n/a	0
27.40	n/a	n/a	n/a	n/a	0
27.50	n/a	n/a	n/a	n/a	0
27.60	n/a	n/a	n/a	n/a	0
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

SOUND

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	1484	1.5	1485	1482	3
25.40	1481	2.1	1484	1479	8
25.60	1478	2.6	1483	1474	13
25.80	1477	3.1	1482	1471	13
26.00	1476	2.8	1481	1471	13
26.20	1476	2.5	1481	1472	13
26.40	1477	2.2	1480	1473	13
26.60	1477	1.9	1480	1474	13
26.80	1475	1.8	1478	1472	13
27.00	1474	1.7	1477	1472	13
27.10	1475	1.3	1477	1473	13
27.20	1475	1.0	1477	1474	13
27.30	1477	.8	1478	1476	12
27.40	1478	.7	1480	1478	11
27.50	1481	.3	1482	1481	9
27.60	1487	n/a	n/a	n/a	1
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

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TEMPERATURE

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	7.89	.365	8.29	7.58	3
25.60	7.11	.528	8.07	6.57	8
25.80	6.49	.672	7.90	5.48	12
26.00	6.40	.534	7.74	5.78	12
26.20	6.39	.471	7.55	5.84	12
26.40	6.36	.455	7.32	5.63	12
26.60	6.10	.389	6.98	5.41	12
26.80	5.09	.218	5.32	4.49	11
27.00	4.33	.130	4.62	4.19	10
27.10	4.04	.128	4.26	3.87	10
27.20	3.73	.102	3.93	3.56	10
27.30	3.42	.088	3.56	3.31	10
27.40	3.05	.059	3.14	2.97	10
27.50	2.63	.056	2.70	2.53	10
27.60	2.23	.028	2.25	2.21	2
27.70	1.81	.035	1.84	1.79	2
27.75	1.61	.007	1.61	1.60	2
27.76	1.59	n/a	n/a	n/a	1

SALINITY

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	32.568	.0599	32.637	32.525	3
25.60	32.686	.0917	32.852	32.590	8
25.80	32.839	.1144	33.081	32.674	12
26.00	33.076	.0904	33.303	32.970	12
26.20	33.328	.0780	33.520	33.236	12
26.40	33.571	.0750	33.734	33.458	12
26.60	33.783	.0627	33.928	33.674	12
26.80	33.880	.0306	33.915	33.798	11
27.00	34.028	.0191	34.068	34.008	10
27.10	34.115	.0164	34.143	34.093	10
27.20	34.201	.0131	34.228	34.179	10
27.30	34.289	.0116	34.305	34.275	10
27.40	34.370	.0063	34.380	34.361	10
27.50	34.449	.0054	34.456	34.438	10
27.60	34.535	.0053	34.537	34.534	2
27.70	34.617	.0019	34.619	34.615	2
27.75	34.659	.0015	34.659	34.658	2
27.76	34.670	n/a	n/a	n/a	1

DEPTH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	78	10.4	85	66	3
25.60	92	11.7	105	70	8
25.80	103	12.3	120	72	12
26.00	112	14.1	127	74	12
26.20	123	16.1	138	80	12
26.40	138	18.5	159	89	12
26.60	172	18.9	198	128	12
26.80	272	22.6	302	227	11
27.00	424	27.8	451	359	10
27.10	533	28.1	561	472	10
27.20	660	31.5	700	600	10
27.30	812	35.0	864	748	10
27.40	1005	44.5	1081	930	10
27.50	1259	54.1	1340	1166	10
27.60	1652	48.1	1686	1618	2
27.70	2301	64.3	2346	2255	2
27.75	2980	123.0	3067	2893	2
27.76	3214	n/a	n/a	n/a	1

SVA

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	259.7	.09	259.8	259.6	3
25.60	240.8	.15	241.0	240.6	8
25.80	221.8	.16	222.0	221.6	12
26.00	202.9	.17	203.2	202.7	12
26.20	184.1	.17	184.4	183.8	12
26.40	165.4	.18	165.6	165.0	12
26.60	146.8	.22	147.2	146.5	12
26.80	128.6	.27	129.0	128.1	11
27.00	110.6	.24	110.9	110.2	10
27.10	101.9	.22	102.1	101.4	10
27.20	93.1	.24	93.3	92.6	10
27.30	84.3	.22	84.8	84.0	10
27.40	75.5	.19	75.9	75.2	10
27.50	66.6	.20	66.9	66.2	10
27.60	58.1	.21	58.3	58.0	2
27.70	49.6	.01	49.6	49.6	2
27.75	45.8	.35	46.0	45.5	2
27.76	45.6	n/a	n/a	n/a	1

THETA

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	7.88	.365	8.28	7.57	3
25.60	7.10	.528	8.06	6.56	8
25.80	6.48	.674	7.90	5.47	12
26.00	6.39	.534	7.73	5.77	12
26.20	6.38	.472	7.54	5.83	12
26.40	6.35	.456	7.31	5.62	12
26.60	6.09	.388	6.96	5.39	12
26.80	5.06	.217	5.29	4.47	11
27.00	4.30	.130	4.59	4.16	10
27.10	4.00	.128	4.22	3.83	10
27.20	3.68	.106	3.89	3.51	10
27.30	3.37	.089	3.50	3.25	10
27.40	2.98	.058	3.07	2.91	10
27.50	2.54	.055	2.61	2.45	10
27.60	2.12	.021	2.13	2.10	2
27.70	1.65	.035	1.68	1.63	2
27.75	1.38	.021	1.40	1.37	2
27.76	1.34	n/a	n/a	n/a	1

SVA (THETA)

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	257.9	.81	258.4	257.0	3
25.60	238.9	.59	239.4	237.9	8
25.80	219.9	.74	220.5	218.3	12
26.00	200.9	.65	201.4	199.1	12
26.20	182.0	.43	182.4	181.0	12
26.40	163.3	.11	163.5	163.1	12
26.60	144.4	.04	144.4	144.3	12
26.80	125.3	.08	125.4	125.2	11
27.00	106.2	.12	106.4	106.0	10
27.10	96.8	.07	96.8	96.6	10
27.20	87.2	.07	87.3	87.1	10
27.30	77.7	.04	77.7	77.6	10
27.40	68.1	.07	68.2	68.0	10
27.50	58.5	.10	58.6	58.3	10
27.60	48.6	.07	48.7	48.6	2
27.70	39.0	.00	39.0	39.0	2
27.75	34.0	.07	34.1	34.0	2
27.76	32.9	n/a	n/a	n/a	1

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DELTA D

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	2.117	.3355	2.330	1.730	3
25.60	2.375	.2932	2.680	1.840	8
25.80	2.568	.2918	2.870	1.890	12
26.00	2.758	.3465	3.060	1.930	12
26.20	2.967	.3948	3.340	2.050	12
26.40	3.234	.4265	3.650	2.200	12
26.60	3.763	.3997	4.230	2.810	12
26.80	5.169	.3199	5.470	4.350	11
27.00	6.979	.4013	7.310	5.920	10
27.10	8.139	.4034	8.490	7.120	10
27.20	9.393	.4378	9.970	8.380	10
27.30	10.759	.4453	11.170	9.710	10
27.40	12.316	.5156	12.930	11.170	10
27.50	14.134	.5766	14.800	12.870	10
27.60	16.715	.3182	16.940	16.490	2
27.70	20.225	.4030	20.510	19.940	2
27.75	23.490	.7213	24.000	22.980	2
27.76	24.690	n/a	n/a	n/a	1

POT. ENERGY

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	.86	.240	1.01	.58	3
25.60	1.14	.263	1.44	.66	8
25.80	1.37	.291	1.77	.69	12
26.00	1.58	.347	1.95	.73	12
26.20	1.84	.422	2.22	.82	12
26.40	2.21	.504	2.78	.95	12
26.60	3.05	.602	3.90	1.63	12
26.80	6.22	.888	7.31	4.35	11
27.00	12.70	1.538	14.27	9.04	10
27.10	18.39	1.880	20.13	14.17	10
27.20	26.08	2.454	28.82	21.11	10
27.30	36.40	3.129	40.76	30.29	10
27.40	50.96	4.479	58.37	42.88	10
27.50	72.18	6.066	81.64	61.21	10
27.60	109.41	6.477	113.99	104.83	2
27.70	180.73	10.296	188.01	173.45	2
27.75	269.98	22.012	285.55	254.42	2
27.76	307.80	n/a	n/a	n/a	1

DELTA DH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	10.033	.1548	10.143	9.924	2
25.60	9.731	.1426	9.941	9.561	6
25.80	9.579	.1999	9.862	9.232	10
26.00	9.375	.1860	9.733	9.105	10
26.20	9.168	.2085	9.569	8.925	10
26.40	8.898	.1805	9.117	8.600	10
26.60	8.385	.1622	8.622	8.179	10
26.80	7.052	.1909	7.420	6.816	10
27.00	5.219	.2246	5.703	4.979	10
27.10	4.058	.2111	4.500	3.802	10
27.20	2.805	.2406	3.239	2.464	10
27.30	1.440	.2623	1.913	1.053	10
27.40	-0.116	.3424	.451	-0.709	10
27.50	-1.936	.4098	-1.249	-2.580	10
27.60	-4.408	.3592	-4.154	-4.662	2
27.70	-7.917	.4455	-7.602	-8.232	2
27.75	-11.186	.7587	-10.649	-11.722	2
27.76	-12.407	n/a	n/a	n/a	1

ACC. POT.

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	12.229	.1301	12.321	12.137	2
25.60	12.021	.2317	12.209	11.594	6
25.80	11.935	.2202	12.154	11.409	10
26.00	11.726	.2118	11.925	11.219	10
26.20	11.498	.2052	11.715	11.013	10
26.40	11.249	.1981	11.481	10.792	10
26.60	10.959	.1893	11.175	10.530	10
26.80	10.565	.1633	10.738	10.198	10
27.00	9.947	.1207	10.073	9.690	10
27.10	9.528	.0983	9.650	9.335	10
27.20	8.999	.0754	9.098	8.849	10
27.30	8.353	.0520	8.449	8.261	10
27.40	7.545	.0166	7.576	7.514	10
27.50	6.532	.0283	6.559	6.477	10
27.60	5.305	.0460	5.338	5.273	2
27.70	3.635	.1181	3.718	3.551	2
27.75	2.659	.0764	2.713	2.605	2
27.76	2.464	n/a	n/a	n/a	1

OXYGEN

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	n/a	n/a	n/a	n/a	0
25.60	6.46	n/a	n/a	n/a	1
25.80	6.30	.283	6.50	6.10	2
26.00	5.85	.127	5.94	5.76	2
26.20	5.30	.120	5.38	5.21	2
26.40	4.71	.191	4.84	4.57	2
26.60	4.13	.198	4.27	3.99	2
26.80	2.90	.283	3.10	2.70	2
27.00	1.33	.290	1.54	1.13	2
27.10	.84	.141	.94	.74	2
27.20	.63	.113	.71	.55	2
27.30	.48	.071	.53	.43	2
27.40	.44	.042	.47	.41	2
27.50	.51	.007	.52	.51	2
27.60	.92	.071	.97	.87	2
27.70	1.78	.092	1.84	1.71	2
27.75	2.52	.141	2.62	2.42	2
27.76	2.82	n/a	n/a	n/a	1

SOUND

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	1480	1.5	1482	1479	3
25.60	1478	2.2	1482	1476	8
25.80	1476	2.6	1481	1472	12
26.00	1476	2.1	1481	1473	12
26.20	1477	1.9	1481	1474	12
26.40	1477	1.9	1480	1474	12
26.60	1477	1.7	1480	1474	12
26.80	1474	.9	1475	1472	11
27.00	1474	.6	1475	1473	10
27.10	1475	.7	1475	1473	10
27.20	1476	.5	1476	1475	10
27.30	1477	.6	1478	1476	10
27.40	1479	.7	1480	1478	10
27.50	1481	.7	1482	1480	10
27.60	1487	.7	1487	1486	2
27.70	1496	.7	1496	1495	2
27.75	1507	2.1	1508	1505	2
27.76	1510	n/a	n/a	n/a	1

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SIGMA -T.	TEMPERATURE MEAN	S.D.	MAX	MIN	N	SALINITY MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
25.40	7.68	.544	8.06	7.29	2	32.525	.0970	32.594	32.456	2
25.60	6.93	.410	7.89	6.60	8	32.652	.0721	32.820	32.594	8
25.80	6.65	.496	7.73	5.57	11	32.861	.0803	33.042	32.692	11
26.00	6.56	.437	7.55	5.74	11	33.099	.0735	33.269	32.965	11
26.20	6.44	.384	7.34	5.87	11	33.335	.0635	33.484	33.249	11
26.40	6.35	.324	7.12	6.00	11	33.571	.0535	33.699	33.512	11
26.60	6.17	.211	6.69	5.94	11	33.794	.0346	33.879	33.756	11
26.80	5.23	.204	5.56	5.01	11	33.901	.0309	33.952	33.868	11
27.00	4.33	.095	4.45	4.21	10	34.028	.0118	34.043	34.012	10
27.10	4.01	.082	4.14	3.91	10	34.111	.0113	34.129	34.099	10
27.20	3.73	.078	3.89	3.62	10	34.201	.0103	34.222	34.188	10
27.30	3.42	.080	3.56	3.31	10	34.288	.0088	34.305	34.275	10
27.40	3.06	.060	3.14	2.97	10	34.371	.0068	34.381	34.361	10
27.50	2.64	.045	2.71	2.58	9	34.450	.0054	34.457	34.443	9
27.60	2.24	.031	2.28	2.21	4	34.535	.0058	34.540	34.532	4
27.70	1.84	.000	1.84	1.84	2	34.620	.0000	34.620	34.620	2
27.75	1.62	n/a	n/a	n/a	1	34.661	n/a	n/a	n/a	1
27.76	1.59	n/a	n/a	n/a	1	34.669	n/a	n/a	n/a	1

SIGMA -T.	DEPTH MEAN	S.D.	MAX	MIN	N	SVA MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
25.40	50	46.7	83	17	2	259.3	.78	259.9	258.8	2
25.60	93	7.0	105	84	8	240.8	.13	241.0	240.6	8
25.80	102	10.0	123	88	11	221.9	.18	222.2	221.5	11
26.00	115	11.0	137	102	11	203.0	.18	203.4	202.8	11
26.20	124	12.1	146	109	11	184.2	.16	184.5	184.0	11
26.40	136	13.0	158	121	11	165.4	.17	165.7	165.2	11
26.60	164	12.6	195	154	11	146.7	.20	147.2	146.5	11
26.80	251	16.0	285	229	11	128.5	.20	128.8	128.2	11
27.00	419	20.0	451	393	10	110.6	.17	110.9	110.3	10
27.10	526	17.6	547	499	10	101.8	.08	101.9	101.6	10
27.20	650	12.7	667	633	10	93.0	.09	93.1	92.8	10
27.30	796	13.9	823	775	10	84.2	.12	84.4	84.0	10
27.40	985	27.2	1018	939	10	75.4	.11	75.6	75.2	10
27.50	1243	30.0	1290	1200	9	66.5	.11	66.6	66.3	9
27.60	1590	34.5	1611	1538	4	57.8	.24	58.1	57.5	4
27.70	2192	75.7	2245	2138	2	49.4	.28	49.6	49.2	2
27.75	2808	n/a	n/a	n/a	1	45.5	n/a	n/a	n/a	1
27.76	2965	n/a	n/a	n/a	1	44.6	n/a	n/a	n/a	1

SIGMA -T.	THETA MEAN	S.D.	MAX	MIN	N	SVA (THETA) MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
25.40	7.67	.537	8.05	7.29	2	258.4	.00	258.4	258.4	2
25.60	6.93	.409	7.88	6.60	8	239.2	.35	239.5	238.4	8
25.80	6.64	.494	7.72	5.57	11	220.1	.36	220.4	219.3	11
26.00	6.54	.438	7.54	5.73	11	201.0	.36	201.4	200.3	11
26.20	6.43	.383	7.33	5.86	11	182.0	.44	182.4	181.2	11
26.40	6.34	.324	7.11	5.99	11	163.3	.13	163.4	163.1	11
26.60	6.16	.212	6.68	5.93	11	144.3	.06	144.4	144.2	11
26.80	5.21	.205	5.54	4.99	11	125.4	.06	125.5	125.3	11
27.00	4.30	.096	4.42	4.17	10	106.2	.10	106.4	106.1	10
27.10	3.97	.084	4.10	3.87	10	96.7	.08	96.8	96.6	10
27.20	3.68	.078	3.84	3.57	10	87.1	.05	87.2	87.1	10
27.30	3.36	.079	3.51	3.26	10	77.7	.01	77.7	77.7	10
27.40	2.99	.063	3.08	2.90	10	68.1	.04	68.2	68.1	10
27.50	2.55	.047	2.62	2.49	9	58.5	.09	58.6	58.4	9
27.60	2.13	.034	2.17	2.10	4	48.8	.10	48.9	48.7	4
27.70	1.69	.007	1.69	1.68	2	39.1	.07	39.2	39.1	2
27.75	1.42	n/a	n/a	n/a	1	34.1	n/a	n/a	n/a	1
27.76	1.37	n/a	n/a	n/a	1	33.2	n/a	n/a	n/a	1

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DELTA D

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	1.345	1.2657	2.240	.450	2
25.60	2.371	.1886	2.690	2.100	8
25.80	2.538	.2819	3.030	2.070	11
26.00	2.807	.2561	3.340	2.490	11
26.20	2.991	.2687	3.510	2.670	11
26.40	3.197	.2771	3.670	2.840	11
26.60	3.630	.2647	4.230	3.340	11
26.80	4.824	.2924	5.470	4.360	11
27.00	6.848	.3314	7.300	6.350	10
27.10	7.988	.2670	8.310	7.620	10
27.20	9.206	.2407	9.500	8.850	10
27.30	10.514	.2663	10.910	10.140	10
27.40	12.034	.3813	12.480	11.500	10
27.50	13.900	.3641	14.320	13.330	9
27.60	15.915	.3891	16.410	15.480	4
27.70	18.975	.3889	19.250	18.700	2
27.75	21.900	n/a	n/a	n/a	1
27.76	22.620	n/a	n/a	n/a	1

POT. ENERGY

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	.49	.643	.95	.04	2
25.60	1.14	.170	1.43	.90	8
25.80	1.33	.271	1.88	.93	11
26.00	1.64	.300	2.30	1.34	11
26.20	1.86	.341	2.53	1.52	11
26.40	2.14	.385	2.80	1.74	11
26.60	2.80	.424	3.83	2.44	11
26.80	5.34	.633	6.86	4.46	11
27.00	12.26	1.092	13.85	10.80	10
27.10	17.79	1.105	19.06	16.27	10
27.20	25.13	.957	26.39	23.64	10
27.30	34.86	1.245	37.14	32.92	10
27.40	48.78	2.559	52.01	44.56	10
27.50	69.96	3.156	74.73	65.74	9
27.60	100.83	3.769	103.78	95.37	4
27.70	162.96	9.744	169.85	156.07	2
27.75	237.92	n/a	n/a	n/a	1
27.76	259.42	n/a	n/a	n/a	1

DELTA DH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	10.896	1.2205	11.759	10.033	2
25.60	9.759	.2380	10.094	9.501	8
25.80	9.488	.1802	9.721	9.166	10
26.00	9.272	.1904	9.567	8.853	10
26.20	9.095	.2029	9.443	8.689	10
26.40	8.889	.2060	9.210	8.525	10
26.60	8.451	.1737	8.643	8.076	10
26.80	7.240	.1735	7.450	6.841	10
27.00	5.224	.1838	5.496	4.912	10
27.10	4.083	.1572	4.371	3.912	10
27.20	2.866	.0970	3.024	2.742	10
27.30	1.557	.1059	1.725	1.360	10
27.40	.039	.2065	.389	-0.211	10
27.50	-1.805	.2269	-1.484	-2.166	9
27.60	-3.943	.2397	-3.591	-4.095	4
27.70	-7.133	.4624	-6.806	-7.460	2
27.75	-10.013	n/a	n/a	n/a	1
27.76	-10.733	n/a	n/a	n/a	1

ACC. POT.

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	12.197	.0000	12.198	12.196	2
25.60	12.014	.1388	12.229	11.802	8
25.80	11.801	.1318	12.038	11.618	10
26.00	11.595	.1216	11.816	11.429	10
26.20	11.370	.1108	11.564	11.255	10
26.40	11.128	.1035	11.286	10.953	10
26.60	10.855	.0959	10.989	10.724	10
26.80	10.490	.0808	10.607	10.379	10
27.00	9.899	.0550	9.989	9.825	10
27.10	9.481	.0385	9.546	9.422	10
27.20	8.965	.0298	9.016	8.928	10
27.30	8.326	.0209	8.363	8.297	10
27.40	7.536	.0106	7.556	7.519	10
27.50	6.545	.0186	6.567	6.514	9
27.60	5.345	.0161	5.362	5.324	4
27.70	3.824	.0255	3.842	3.806	2
27.75	2.954	n/a	n/a	n/a	1
27.76	2.675	n/a	n/a	n/a	1

OXYGEN

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	n/a	n/a	n/a	n/a	0
25.60	6.69	.297	6.90	6.48	2
25.80	6.28	.281	6.64	6.01	4
26.00	5.68	.280	5.98	5.35	4
26.20	5.13	.301	5.36	4.70	4
26.40	4.66	.254	4.83	4.29	4
26.60	4.11	.184	4.36	3.92	4
26.80	2.93	.236	3.25	2.68	4
27.00	1.44	.095	1.55	1.32	4
27.10	.90	.068	.94	.80	4
27.20	.61	.031	.64	.57	4
27.30	.42	.026	.46	.40	4
27.40	.48	.125	.66	.37	4
27.50	.63	.237	.98	.45	4
27.60	.90	.098	1.01	.82	3
27.70	1.68	.014	1.69	1.67	2
27.75	2.40	n/a	n/a	n/a	1
27.76	2.56	n/a	n/a	n/a	1

SOUND

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	1479	2.8	1481	1477	2
25.60	1477	1.6	1481	1476	8
25.80	1477	2.1	1481	1472	11
26.00	1477	1.9	1481	1473	11
26.20	1477	1.4	1480	1475	11
26.40	1477	1.3	1480	1475	11
26.60	1477	.9	1479	1476	11
26.80	1475	.8	1476	1474	11
27.00	1474	.6	1475	1473	10
27.10	1474	.4	1475	1474	10
27.20	1475	.4	1476	1475	10
27.30	1477	.5	1477	1476	10
27.40	1478	.5	1479	1478	10
27.50	1481	.3	1481	1480	9
27.60	1485	.8	1486	1484	4
27.70	1494	1.4	1495	1493	2
27.75	1503	n/a	n/a	n/a	1
27.76	1506	n/a	n/a	n/a	1

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TEMPERATURE

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	7.41	.020	7.43	7.39	3
25.60	6.81	.394	7.26	6.33	10
25.80	6.24	.584	7.20	5.55	15
26.00	6.16	.540	7.14	5.48	15
26.20	6.14	.505	7.05	5.49	15
26.40	6.08	.522	6.96	5.48	15
26.60	5.88	.460	6.62	5.18	15
26.80	5.04	.323	5.53	4.48	15
27.00	4.26	.238	4.53	3.88	12
27.10	4.00	.157	4.25	3.74	11
27.20	3.72	.103	3.87	3.58	11
27.30	3.44	.090	3.59	3.32	11
27.40	3.08	.044	3.17	3.02	11
27.50	2.67	.054	2.76	2.60	11
27.60	2.21	.014	2.22	2.20	2
27.70	1.78	.014	1.79	1.77	2
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

SALINITY

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	32.475	.0071	32.478	32.472	3
25.60	32.635	.0733	32.718	32.548	10
25.80	32.797	.1008	32.964	32.680	15
26.00	33.038	.0883	33.200	32.925	15
26.20	33.288	.0824	33.446	33.179	15
26.40	33.528	.0839	33.672	33.435	15
26.60	33.748	.0729	33.869	33.643	15
26.80	33.874	.0471	33.947	33.794	15
27.00	34.018	.0318	34.054	33.971	12
27.10	34.110	.0205	34.142	34.078	11
27.20	34.200	.0126	34.218	34.183	11
27.30	34.291	.0101	34.309	34.276	11
27.40	34.373	.0039	34.383	34.366	11
27.50	34.455	.0057	34.463	34.448	11
27.60	34.534	.0054	34.534	34.533	2
27.70	34.614	.0045	34.615	34.613	2
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

DEPTH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	88	15.1	100	71	3
25.60	78	22.6	105	36	10
25.80	99	12.2	113	75	15
26.00	111	11.7	125	78	15
26.20	121	11.7	134	87	15
26.40	134	12.2	149	103	15
26.60	166	10.1	183	148	15
26.80	263	27.6	318	220	15
27.00	424	36.2	473	376	12
27.10	529	41.0	584	465	11
27.20	653	46.4	729	576	11
27.30	798	45.7	894	727	11
27.40	988	47.4	1097	911	11
27.50	1242	53.9	1341	1154	11
27.60	1639	13.4	1648	1629	2
27.70	2310	19.8	2324	2296	2
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

SVA

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	259.8	.21	260.0	259.6	3
25.60	240.6	.31	240.9	240.0	10
25.80	221.7	.17	222.0	221.4	15
26.00	202.9	.18	203.2	202.4	15
26.20	184.0	.18	184.3	183.7	15
26.40	165.3	.16	165.6	165.1	15
26.60	146.7	.27	147.2	146.3	15
26.80	128.5	.47	129.4	127.9	15
27.00	110.6	.50	111.2	109.9	12
27.10	101.8	.46	102.4	101.0	11
27.20	93.0	.49	93.7	92.2	11
27.30	84.3	.43	84.9	83.6	11
27.40	75.4	.32	76.1	75.0	11
27.50	66.6	.19	67.0	66.3	11
27.60	58.0	.07	58.0	57.9	2
27.70	49.4	.07	49.4	49.3	2
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

THETA

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	7.40	.020	7.42	7.38	3
25.60	6.80	.393	7.26	6.32	10
25.80	6.23	.584	7.19	5.54	15
26.00	6.16	.539	7.13	5.47	15
26.20	6.13	.504	7.03	5.48	15
26.40	6.07	.522	6.95	5.47	15
26.60	5.86	.459	6.61	5.17	15
26.80	5.02	.320	5.51	4.47	15
27.00	4.22	.236	4.50	3.85	12
27.10	3.96	.157	4.22	3.70	11
27.20	3.68	.101	3.82	3.53	11
27.30	3.39	.090	3.53	3.26	11
27.40	3.01	.044	3.09	2.95	11
27.50	2.59	.057	2.68	2.51	11
27.60	2.10	.014	2.11	2.09	2
27.70	1.62	.014	1.63	1.61	2
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

SVA (THETA)

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	258.5	.05	258.5	258.4	3
25.60	238.9	.60	239.5	237.9	10
25.80	220.0	.62	220.5	218.7	15
26.00	200.9	.40	201.4	200.1	15
26.20	181.9	.48	182.5	180.9	15
26.40	163.3	.23	163.4	162.7	15
26.60	144.4	.04	144.4	144.3	15
26.80	125.4	.05	125.4	125.3	15
27.00	106.2	.14	106.4	106.0	12
27.10	96.7	.09	96.9	96.6	11
27.20	87.2	.07	87.3	87.1	11
27.30	77.7	.05	77.7	77.6	11
27.40	68.1	.08	68.2	67.9	11
27.50	58.5	.13	58.6	58.3	11
27.60	48.7	.01	48.7	48.7	2
27.70	39.1	.01	39.1	39.1	2
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

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DELTA D

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	2.327	.3899	2.640	1.890	3
25.60	1.987	.6325	2.780	.880	10
25.80	2.411	.3733	2.950	1.670	15
26.00	2.673	.3187	3.150	1.800	15
26.20	2.874	.3227	3.360	1.980	15
26.40	3.101	.3338	3.630	2.250	15
26.60	3.592	.2631	4.090	3.240	15
26.80	4.923	.4614	5.630	4.230	15
27.00	6.883	.5651	7.560	6.170	12
27.10	8.030	.6136	8.830	7.120	11
27.20	9.247	.6742	10.370	8.210	11
27.30	10.541	.6927	11.860	9.550	11
27.40	12.068	.7070	13.510	11.020	11
27.50	13.891	.7456	15.270	12.750	11
27.60	16.670	.2263	16.830	16.510	2
27.70	20.270	.2829	20.470	20.070	2
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
1.06	.336	1.34	.59	3
.86	.466	1.49	.16	10
1.23	.318	1.69	.64	15
1.51	.303	1.93	.72	15
1.75	.327	2.20	.86	15
2.05	.369	2.59	1.13	15
2.80	.325	3.37	2.27	15
5.76	1.082	7.78	4.16	15
12.61	2.081	15.34	9.88	12
18.20	2.761	21.84	13.97	11
25.61	3.660	31.44	19.80	11
35.24	4.253	43.82	28.78	11
49.28	5.152	60.70	41.17	11
70.17	6.438	82.78	59.48	11
107.93	1.358	108.89	106.97	2
180.92	3.224	183.20	178.64	2
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

DELTA DH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	10.208	.4953	10.776	9.864	3
25.60	10.043	.3818	10.874	9.704	8
25.80	9.636	.3229	10.319	9.235	11
26.00	9.415	.3828	10.261	9.006	11
26.20	9.206	.3849	10.086	8.791	11
26.40	8.975	.3717	9.812	8.473	11
26.60	8.442	.2117	8.710	8.047	11
26.80	7.035	.1552	7.201	6.680	11
27.00	5.150	.2668	5.543	4.811	11
27.10	4.055	.3017	4.520	3.614	11
27.20	2.838	.3509	3.401	2.292	11
27.30	1.545	.3437	2.059	.808	11
27.40	.016	.3649	.585	-0.841	11
27.50	-1.806	.4125	-1.140	-2.603	11
27.60	-4.312	.1117	-4.233	-4.391	2
27.70	-7.908	.1718	-7.787	-8.030	2
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

ACC. POT.

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
12.505	.1229	12.642	12.405	3
12.038	.3125	12.444	11.571	8
11.850	.2599	12.239	11.416	11
11.651	.2583	12.021	11.236	11
11.433	.2614	11.782	11.025	11
11.195	.2664	11.524	10.779	11
10.922	.2650	11.280	10.492	11
10.536	.2377	10.829	10.140	11
9.912	.1859	10.168	9.599	11
9.489	.1543	9.729	9.222	11
8.968	.1206	9.175	8.760	11
8.330	.0795	8.466	8.194	11
7.540	.0314	7.586	7.481	11
6.550	.0297	6.586	6.480	11
5.292	.0255	5.310	5.274	2
3.643	.0551	3.682	3.604	2
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

OXYGEN

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	6.63	n/a	n/a	n/a	1
25.60	6.02	.134	6.11	5.92	2
25.80	5.36	.346	5.60	5.11	2
26.00	4.77	.516	5.14	4.41	2
26.20	4.24	.587	4.65	3.82	2
26.40	3.72	.615	4.16	3.29	2
26.60	3.25	.566	3.65	2.85	2
26.80	2.19	.467	2.52	1.86	2
27.00	1.04	.156	1.15	.93	2
27.10	.70	.078	.76	.65	2
27.20	.53	.113	.61	.45	2
27.30	.42	.198	.56	.28	2
27.40	.38	.113	.46	.30	2
27.50	.52	.057	.56	.48	2
27.60	.94	.092	1.01	.88	2
27.70	1.79	.120	1.87	1.70	2
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

SOUND

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
1479	.6	1479	1478	3
1477	1.9	1479	1474	10
1475	2.7	1479	1471	15
1475	2.4	1479	1472	15
1475	2.1	1479	1473	15
1476	2.2	1479	1473	15
1476	2.1	1479	1473	15
1474	1.9	1477	1471	15
1474	1.3	1475	1472	12
1474	1.4	1476	1472	11
1475	1.1	1477	1474	11
1477	1.0	1478	1475	11
1478	.8	1480	1477	11
1481	.9	1483	1480	11
1486	.0	1486	1486	2
1496	.7	1496	1495	2
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

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TEMPERATURE

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	9.64	n/a	n/a	n/a	1
25.20	8.82	.587	9.24	8.41	2
25.40	7.79	.311	8.39	7.26	21
25.60	6.82	.347	7.45	5.99	31
25.80	6.26	.544	7.30	5.07	32
26.00	6.15	.486	7.16	5.45	32
26.20	6.06	.433	6.97	5.39	32
26.40	5.99	.396	6.78	5.30	32
26.60	5.85	.365	6.60	4.94	32
26.80	4.98	.277	5.52	4.38	32
27.00	4.19	.172	4.60	3.76	29
27.10	3.96	.122	4.25	3.76	27
27.20	3.69	.108	3.96	3.51	27
27.30	3.41	.099	3.70	3.24	27
27.40	3.05	.071	3.22	2.91	26
27.50	2.65	.066	2.78	2.52	24
27.60	2.18	.031	2.20	2.13	4
27.70	1.76	.038	1.79	1.72	3
27.75	1.58	.006	1.59	1.58	3
27.76	n/a	n/a	n/a	n/a	0

SALINITY

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	32.399	n/a	n/a	n/a	1
25.20	32.544	.1816	32.672	32.415	2
25.40	32.547	.0589	32.659	32.449	21
25.60	32.632	.0590	32.750	32.497	31
25.80	32.799	.0900	32.989	32.611	32
26.00	33.034	.0792	33.203	32.920	32
26.20	33.274	.0701	33.432	33.174	32
26.40	33.512	.0630	33.645	33.409	32
26.60	33.742	.0568	33.866	33.608	32
26.80	33.864	.0398	33.944	33.781	32
27.00	34.008	.0229	34.066	33.955	29
27.10	34.104	.0158	34.143	34.078	27
27.20	34.195	.0135	34.232	34.172	27
27.30	34.286	.0121	34.322	34.266	27
27.40	34.370	.0077	34.390	34.354	26
27.50	34.451	.0070	34.466	34.436	24
27.60	34.530	.0056	34.533	34.526	4
27.70	34.612	.0078	34.615	34.606	3
27.75	34.657	.0058	34.657	34.656	3
27.76	n/a	n/a	n/a	n/a	0

DEPTH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	22	n/a	n/a	n/a	1
25.20	22	27.6	41	2	2
25.40	40	18.7	84	9	21
25.60	71	27.1	110	9	31
25.80	103	13.0	128	69	32
26.00	116	11.5	136	93	32
26.20	126	11.7	146	106	32
26.40	139	11.7	158	121	32
26.60	166	12.8	190	136	32
26.80	258	19.0	301	216	32
27.00	413	25.8	459	367	29
27.10	517	27.3	561	476	27
27.20	640	29.9	699	585	27
27.30	789	30.8	847	719	27
27.40	980	33.1	1043	932	26
27.50	1241	48.4	1328	1137	24
27.60	1675	14.2	1686	1655	4
27.70	2368	112.6	2494	2278	3
27.75	3095	13.7	3107	3080	3
27.76	n/a	n/a	n/a	n/a	0

SVA

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	297.0	n/a	n/a	n/a	1
25.20	277.9	.50	278.3	277.6	2
25.40	259.2	.26	259.8	258.7	21
25.60	240.5	.36	241.1	239.7	31
25.80	221.8	.19	222.1	221.3	32
26.00	202.9	.14	203.3	202.7	32
26.20	184.1	.15	184.4	183.8	32
26.40	165.3	.15	165.6	165.0	32
26.60	146.6	.21	147.1	146.3	32
26.80	128.4	.30	129.0	127.8	32
27.00	110.4	.35	111.0	109.7	29
27.10	101.6	.31	102.2	101.0	27
27.20	92.8	.28	93.4	92.3	27
27.30	84.1	.23	84.6	83.7	27
27.40	75.3	.14	75.6	75.0	26
27.50	66.5	.15	66.8	66.3	24
27.60	58.0	.13	58.2	57.9	4
27.70	49.4	.06	49.5	49.4	3
27.75	46.0	.10	46.1	45.9	3
27.76	n/a	n/a	n/a	n/a	0

THETA

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	9.53	n/a	n/a	n/a	1
25.20	8.82	.587	9.24	8.41	2
25.40	7.79	.311	8.39	7.26	21
25.60	6.81	.346	7.44	5.99	31
25.80	6.25	.544	7.29	5.06	32
26.00	6.14	.486	7.16	5.44	32
26.20	6.05	.433	6.96	5.38	32
26.40	5.98	.396	6.77	5.29	32
26.60	5.83	.365	6.59	4.92	32
26.80	4.95	.277	5.49	4.36	32
27.00	4.15	.169	4.57	3.74	29
27.10	3.92	.121	4.21	3.72	27
27.20	3.64	.110	3.92	3.46	27
27.30	3.35	.100	3.64	3.18	27
27.40	2.98	.073	3.16	2.84	26
27.50	2.56	.071	2.71	2.42	24
27.60	2.06	.028	2.08	2.02	4
27.70	1.60	.049	1.63	1.54	3
27.75	1.35	.006	1.35	1.34	3
27.76	n/a	n/a	n/a	n/a	0

SVA (THETA)

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	296.0	n/a	n/a	n/a	1
25.20	273.3	4.88	276.7	269.8	2
25.40	258.3	.39	258.5	257.2	21
25.60	239.2	.32	239.6	238.4	31
25.80	220.0	.46	220.5	218.6	32
26.00	201.1	.48	201.5	199.9	32
26.20	182.1	.34	182.4	181.2	32
26.40	163.3	.17	163.5	162.8	32
26.60	144.4	.06	144.5	144.2	32
26.80	125.4	.05	125.4	125.2	32
27.00	106.3	.11	106.4	106.0	29
27.10	96.8	.07	96.8	96.6	27
27.20	87.2	.06	87.3	87.1	27
27.30	77.7	.03	77.7	77.6	27
27.40	68.2	.05	68.2	68.1	26
27.50	58.5	.12	58.6	58.3	24
27.60	48.6	.01	48.6	48.6	4
27.70	39.1	.01	39.1	39.1	3
27.75	34.0	.00	34.0	34.0	3
27.76	n/a	n/a	n/a	n/a	0

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DELTA D

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	.680	n/a	n/a	n/a	1
25.20	.645	.8273	1.230	.060	2
25.40	1.081	.5161	2.300	.250	21
25.60	1.837	.7133	2.950	.220	31
25.80	2.570	.3418	3.120	1.610	32
26.00	2.856	.2605	3.290	2.250	32
26.20	3.053	.2577	3.450	2.500	32
26.40	3.277	.2610	3.680	2.780	32
26.60	3.698	.2844	4.190	3.110	32
26.80	4.958	.3535	5.600	4.050	32
27.00	6.809	.4234	7.610	5.930	29
27.10	7.925	.4482	8.650	7.010	27
27.20	9.128	.4721	10.070	8.270	27
27.30	10.457	.4720	11.280	9.510	27
27.40	11.996	.4941	12.850	11.140	26
27.50	13.844	.5935	14.760	12.770	24
27.60	16.957	.1855	17.190	16.740	4
27.70	20.587	.5613	21.190	20.080	3
27.75	24.077	.0401	24.100	24.030	3
27.76	n/a	n/a	n/a	n/a	0

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
.08	n/a	n/a	n/a	1
.13	.177	.25	.00	2
.27	.236	.98	.01	21
.75	.450	1.63	.01	31
1.34	.323	2.00	.56	32
1.66	.301	2.23	1.05	32
1.91	.325	2.46	1.30	32
2.21	.354	2.82	1.63	32
2.57	.428	3.72	2.08	32
5.62	.781	7.39	3.91	32
12.00	1.450	14.76	9.56	29
17.32	1.842	20.45	14.26	27
24.47	2.341	29.31	20.63	27
34.23	2.767	38.82	28.66	27
48.22	3.476	53.91	43.38	26
69.55	5.482	78.69	58.92	24
112.43	1.767	113.96	109.89	4
189.14	14.197	204.93	177.43	3
287.31	1.596	289.01	285.84	3
n/a	n/a	n/a	n/a	0

DELTA DH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	11.577	n/a	n/a	n/a	1
25.20	11.597	.8082	12.169	11.026	2
25.40	11.043	.5794	11.982	10.150	17
25.60	10.205	.6704	11.641	9.438	25
25.80	9.517	.2347	10.280	9.111	26
26.00	9.230	.1840	9.618	8.883	26
26.20	9.039	.1978	9.391	8.613	26
26.40	8.826	.2029	9.173	8.421	26
26.60	8.408	.1799	8.717	8.044	26
26.80	7.107	.1519	7.418	6.783	26
27.00	5.236	.2061	5.610	4.916	26
27.10	4.147	.2082	4.462	3.803	26
27.20	2.944	.2305	3.338	2.481	26
27.30	1.616	.2372	2.138	1.171	26
27.40	.076	.2509	.437	-0.408	26
27.50	-1.792	.3647	-1.024	-2.446	24
27.60	-4.576	.0922	-4.440	-4.641	4
27.70	-8.263	.5765	-7.780	-8.901	3
27.75	-11.751	.0545	-11.715	-11.814	3
27.76	n/a	n/a	n/a	n/a	0

ACC. POT.

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
12.235	n/a	n/a	n/a	1
12.206	.9366	12.232	12.180	2
12.157	.2143	12.524	11.728	17
11.968	.2319	12.381	11.468	25
11.793	.2124	12.174	11.388	26
11.585	.1988	11.943	11.206	26
11.357	.1869	11.694	10.998	26
11.110	.1784	11.428	10.769	26
10.833	.1730	11.140	10.517	26
10.462	.1532	10.731	10.195	26
9.860	.1206	10.070	9.656	26
9.448	.1007	9.614	9.255	26
8.937	.0737	9.058	8.779	26
8.311	.0441	8.371	8.213	26
7.530	.0147	7.553	7.497	26
6.551	.0287	6.605	6.478	24
5.252	.0283	5.282	5.225	4
3.587	.0225	3.613	3.573	3
2.699	.0898	2.803	2.646	3
n/a	n/a	n/a	n/a	0

OXYGEN

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	7.05	n/a	n/a	n/a	1
25.40	7.01	.065	7.08	6.95	4
25.60	6.93	.243	7.10	6.58	4
25.80	6.44	.391	6.77	5.88	4
26.00	5.90	.509	6.45	5.22	4
26.20	5.33	.564	5.98	4.61	4
26.40	4.83	.551	5.53	4.22	4
26.60	4.26	.321	4.67	4.00	4
26.80	2.71	.122	2.83	2.55	4
27.00	1.28	.096	1.37	1.16	4
27.10	.88	.085	.99	.79	4
27.20	.63	.099	.78	.57	4
27.30	.45	.069	.55	.40	4
27.40	.38	.015	.40	.37	4
27.50	.54	.085	.66	.46	4
27.60	1.02	.127	1.16	.91	3
27.70	1.75	.083	1.82	1.66	3
27.75	2.59	.036	2.62	2.55	3
27.76	n/a	n/a	n/a	n/a	0

SOUND

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
1486	n/a	n/a	n/a	1
1484	2.1	1485	1482	2
1480	1.2	1482	1478	21
1476	1.5	1479	1473	31
1475	2.4	1479	1470	32
1475	2.0	1479	1472	32
1475	1.8	1479	1472	32
1475	1.5	1478	1473	32
1476	1.5	1479	1472	32
1474	1.3	1476	1471	32
1473	1.1	1475	1471	29
1474	1.0	1476	1472	27
1475	.8	1477	1474	27
1476	.6	1477	1475	27
1478	.5	1479	1477	26
1481	.7	1482	1480	24
1486	.5	1487	1486	4
1496	1.5	1498	1495	3
1508	.6	1509	1508	3
n/a	n/a	n/a	n/a	0

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TEMPERATURE

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	12.18	n/a	n/a	n/a	1
24.60	11.54	n/a	n/a	n/a	1
24.80	10.91	.398	11.47	10.55	5
25.00	9.98	.438	10.69	9.42	12
25.20	8.94	.389	9.55	8.22	17
25.40	7.83	.306	8.26	7.38	17
25.60	6.82	.362	7.46	6.05	17
25.80	6.23	.523	7.16	5.31	17
26.00	6.04	.498	6.86	5.21	17
26.20	6.00	.359	6.59	5.51	17
26.40	5.96	.300	6.52	5.54	17
26.60	5.78	.312	6.41	5.23	17
26.80	4.96	.251	5.57	4.58	17
27.00	4.16	.171	4.59	3.97	12
27.10	3.91	.160	4.35	3.78	12
27.20	3.66	.113	3.95	3.49	12
27.30	3.38	.100	3.55	3.21	12
27.40	3.03	.097	3.15	2.80	12
27.50	2.65	.090	2.78	2.47	11
27.60	2.34	.092	2.40	2.27	2
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

SALINITY

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	32.316	n/a	n/a	n/a	1
24.60	32.309	n/a	n/a	n/a	1
24.80	32.417	.0850	32.540	32.340	5
25.00	32.476	.0915	32.620	32.351	12
25.20	32.513	.0785	32.630	32.370	17
25.40	32.555	.0579	32.630	32.473	17
25.60	32.632	.0612	32.746	32.504	17
25.80	32.790	.0836	32.940	32.646	17
26.00	33.014	.0807	33.156	32.885	17
26.20	33.261	.0565	33.353	33.184	17
26.40	33.508	.0488	33.601	33.440	17
26.60	33.732	.0488	33.831	33.647	17
26.80	33.862	.0364	33.952	33.808	17
27.00	34.004	.0228	34.063	33.979	12
27.10	34.097	.0210	34.155	34.081	12
27.20	34.192	.0149	34.230	34.171	12
27.30	34.284	.0118	34.304	34.263	12
27.40	34.368	.0115	34.382	34.341	12
27.50	34.451	.0100	34.465	34.431	11
27.60	34.544	.0096	34.549	34.539	2
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

DEPTH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	3	n/a	n/a	n/a	1
24.60	9	n/a	n/a	n/a	1
24.80	25	8.6	36	17	5
25.00	24	12.9	42	0	12
25.20	35	10.2	61	19	17
25.40	52	15.1	81	28	17
25.60	75	15.7	101	52	17
25.80	98	11.4	122	76	17
26.00	113	9.7	133	97	17
26.20	125	8.3	141	113	17
26.40	140	8.1	154	126	17
26.60	168	13.9	199	147	17
26.80	260	29.6	325	221	17
27.00	421	41.1	511	377	12
27.10	526	45.9	629	485	12
27.20	649	54.3	785	576	12
27.30	798	66.6	968	723	12
27.40	992	77.0	1194	904	12
27.50	1243	67.5	1347	1149	11
27.60	1512	96.9	1580	1443	2
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

SVA

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	353.8	n/a	n/a	n/a	1
24.60	334.9	n/a	n/a	n/a	1
24.80	316.2	.13	316.4	316.1	5
25.00	297.1	.19	297.3	296.7	12
25.20	278.2	.16	278.6	277.9	17
25.40	259.4	.22	259.8	259.0	17
25.60	240.5	.21	240.9	240.2	17
25.80	221.7	.19	222.0	221.4	17
26.00	202.9	.16	203.1	202.6	17
26.20	184.1	.13	184.3	183.8	17
26.40	165.3	.14	165.5	165.1	17
26.60	146.7	.20	147.0	146.4	17
26.80	128.4	.29	128.9	128.0	17
27.00	110.4	.42	111.2	109.9	12
27.10	101.6	.37	102.3	101.1	12
27.20	92.9	.38	93.8	92.3	12
27.30	84.1	.38	85.1	83.8	12
27.40	75.3	.25	75.9	75.1	12
27.50	66.5	.20	66.9	66.2	11
27.60	57.7	.28	57.9	57.5	2
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

THETA

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	12.18	n/a	n/a	n/a	1
24.60	11.54	n/a	n/a	n/a	1
24.80	10.91	.394	11.46	10.55	5
25.00	9.98	.438	10.69	9.42	12
25.20	8.94	.389	9.54	8.21	17
25.40	7.82	.306	8.25	7.37	17
25.60	6.82	.360	7.45	6.05	17
25.80	6.22	.523	7.15	5.30	17
26.00	6.03	.498	6.85	5.20	17
26.20	6.00	.359	6.58	5.50	17
26.40	5.95	.300	6.51	5.53	17
26.60	5.77	.313	6.39	5.21	17
26.80	4.94	.251	5.55	4.56	17
27.00	4.13	.170	4.56	3.94	12
27.10	3.87	.159	4.31	3.74	12
27.20	3.62	.116	3.91	3.44	12
27.30	3.33	.104	3.50	3.15	12
27.40	2.96	.102	3.09	2.72	12
27.50	2.56	.093	2.70	2.38	11
27.60	2.23	.099	2.30	2.16	2
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

SVA (THETA)

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	344.6	n/a	n/a	n/a	1
24.60	333.8	n/a	n/a	n/a	1
24.80	315.2	.83	315.6	313.7	5
25.00	295.7	.93	296.7	293.2	12
25.20	277.1	.62	277.5	275.0	17
25.40	258.2	.52	258.5	256.4	17
25.60	239.3	.24	239.5	238.7	17
25.80	220.3	.17	220.5	220.0	17
26.00	201.3	.32	201.5	200.5	17
26.20	182.3	.20	182.4	181.6	17
26.40	163.3	.16	163.5	162.9	17
26.60	144.4	.05	144.5	144.2	17
26.80	125.4	.07	125.4	125.2	17
27.00	106.3	.08	106.4	106.1	12
27.10	96.8	.04	96.8	96.7	12
27.20	87.2	.06	87.3	87.1	12
27.30	77.7	.03	77.7	77.6	12
27.40	68.1	.07	68.2	68.0	12
27.50	58.5	.09	58.6	58.3	11
27.60	48.9	.21	49.0	48.7	2
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

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DELTA D

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	.120	n/a	n/a	n/a	1
24.60	.300	n/a	n/a	n/a	1
24.80	.810	.3016	1.170	.540	5
25.00	.752	.4206	1.360	.000	12
25.20	1.046	.3262	1.820	.540	17
25.40	1.524	.4634	2.420	.790	17
25.60	2.089	.4509	2.740	1.450	17
25.80	2.624	.3221	3.200	1.990	17
26.00	2.955	.2574	3.430	2.450	17
26.20	3.184	.2151	3.550	2.770	17
26.40	3.449	.2381	3.810	2.980	17
26.60	3.890	.3257	4.540	3.350	17
26.80	5.142	.5315	6.280	4.330	17
27.00	7.077	.6786	8.540	6.390	12
27.10	8.195	.7242	9.820	7.440	12
27.20	9.401	.8067	11.360	8.330	12
27.30	10.731	.9180	13.000	9.640	12
27.40	12.290	1.0124	14.840	11.080	12
27.50	13.991	.8010	15.120	12.830	11
27.60	15.430	1.0748	16.190	14.670	2
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
.00	n/a	n/a	n/a	1
.01	n/a	n/a	n/a	1
.11	.080	.22	.05	5
.12	.092	.29	.00	12
.20	.121	.55	.05	17
.43	.257	.97	.11	17
.80	.327	1.35	.38	17
1.26	.295	1.90	.73	17
1.61	.278	2.20	1.14	17
1.89	.254	2.38	1.48	17
2.25	.281	2.76	1.75	17
2.96	.459	3.89	2.25	17
5.75	1.239	8.55	4.13	17
12.52	2.523	18.20	10.11	12
17.97	3.294	25.66	15.01	12
25.27	4.509	36.85	19.85	12
35.23	6.288	51.66	28.57	12
49.62	8.404	72.04	40.65	12
69.66	7.637	81.03	59.06	11
91.94	11.865	100.33	83.55	2
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

DELTA DH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	12.285	n/a	n/a	n/a	1
24.60	12.105	n/a	n/a	n/a	1
24.80	11.700	.3618	12.028	11.312	3
25.00	11.618	.4998	12.645	11.068	9
25.20	11.215	.3523	11.817	10.700	12
25.40	10.692	.2507	11.125	10.118	12
25.60	10.166	.2411	10.598	9.750	12
25.80	9.653	.2778	10.343	9.186	12
26.00	9.336	.3399	10.177	8.875	12
26.20	9.105	.3448	9.957	8.734	12
26.40	8.829	.2821	9.510	8.513	12
26.60	8.379	.1386	8.663	8.233	12
26.80	7.118	.2019	7.453	6.768	12
27.00	5.193	.2711	5.524	4.659	12
27.10	4.075	.3182	4.374	3.384	12
27.20	2.870	.4022	3.393	1.843	12
27.30	1.538	.5149	2.086	.197	12
27.40	-0.021	.6057	.640	-1.637	12
27.50	-1.805	.5035	-1.105	-2.562	11
27.60	-3.418	.6696	-2.944	-3.891	2
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

ACC. POT.

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
12.406	n/a	n/a	n/a	1
12.395	n/a	n/a	n/a	1
12.607	.5017	13.186	12.294	3
12.347	.4095	13.108	11.708	9
12.190	.3877	13.024	11.661	12
12.106	.3756	12.902	11.598	12
11.987	.3543	12.739	11.511	12
11.824	.3394	12.562	11.368	12
11.623	.3348	12.364	11.192	12
11.400	.3337	12.152	10.987	12
11.152	.3313	11.911	10.759	12
10.869	.3191	11.608	10.506	12
10.490	.2800	11.135	10.164	12
9.880	.2160	10.386	9.611	12
9.461	.1764	9.876	9.227	12
8.946	.1356	9.269	8.753	12
8.312	.0842	8.504	8.199	12
7.522	.0197	7.560	7.490	12
6.546	.0353	6.598	6.484	11
5.400	.0580	5.441	5.359	2
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

OXYGEN

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	n/a	n/a	n/a	n/a	0
25.60	n/a	n/a	n/a	n/a	0
25.80	n/a	n/a	n/a	n/a	0
26.00	n/a	n/a	n/a	n/a	0
26.20	n/a	n/a	n/a	n/a	0
26.40	n/a	n/a	n/a	n/a	0
26.60	n/a	n/a	n/a	n/a	0
26.80	n/a	n/a	n/a	n/a	0
27.00	n/a	n/a	n/a	n/a	0
27.10	n/a	n/a	n/a	n/a	0
27.20	n/a	n/a	n/a	n/a	0
27.30	n/a	n/a	n/a	n/a	0
27.40	n/a	n/a	n/a	n/a	0
27.50	n/a	n/a	n/a	n/a	0
27.60	n/a	n/a	n/a	n/a	0
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

SOUND

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
1495	n/a	n/a	n/a	1
1493	n/a	n/a	n/a	1
1491	1.4	1493	1490	5
1488	1.7	1490	1485	12
1484	1.6	1486	1481	17
1480	1.2	1482	1478	17
1477	1.6	1479	1473	17
1475	2.3	1479	1471	17
1474	2.2	1478	1471	17
1475	1.6	1477	1473	17
1475	1.3	1478	1474	17
1475	1.4	1478	1473	17
1474	1.0	1476	1472	17
1473	1.1	1475	1472	12
1474	.7	1475	1473	12
1475	1.0	1477	1474	12
1477	.9	1479	1476	12
1478	1.0	1481	1477	12
1481	.8	1482	1480	11
1484	1.4	1485	1483	2
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

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TEMPERATURE

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	12.75	n/a	n/a	n/a	1
24.60	12.21	.282	12.52	11.97	3
24.80	11.12	.212	11.45	10.87	8
25.00	10.02	.235	10.59	9.76	11
25.20	8.90	.261	9.41	8.49	11
25.40	7.75	.209	8.10	7.40	11
25.60	6.81	.414	7.36	6.15	11
25.80	6.35	.608	7.10	5.34	11
26.00	6.24	.595	6.86	5.23	11
26.20	6.13	.536	6.69	5.26	11
26.40	6.02	.444	6.56	5.25	11
26.60	5.79	.339	6.17	5.33	11
26.80	4.95	.245	5.15	4.46	11
27.00	4.24	.096	4.32	4.02	8
27.10	3.97	.051	4.03	3.87	8
27.20	3.72	.053	3.83	3.67	7
27.30	3.44	.051	3.53	3.37	7
27.40	3.06	.056	3.17	3.02	6
27.50	2.62	.041	2.70	2.59	6
27.60	2.20	n/a	n/a	n/a	1
27.70	1.86	n/a	n/a	n/a	1
27.75	1.59	n/a	n/a	n/a	1
27.76	n/a	n/a	n/a	n/a	0

SALINITY

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	32.334	n/a	n/a	n/a	1
24.60	32.465	.0752	32.549	32.405	3
24.80	32.471	.0558	32.577	32.407	8
25.00	32.487	.0474	32.598	32.430	11
25.20	32.515	.0454	32.616	32.458	11
25.40	32.545	.0398	32.633	32.495	11
25.60	32.631	.0685	32.721	32.520	11
25.80	32.811	.0978	32.936	32.651	11
26.00	33.051	.0943	33.149	32.887	11
26.20	33.285	.0844	33.376	33.152	11
26.40	33.517	.0694	33.603	33.403	11
26.60	33.733	.0532	33.793	33.662	11
26.80	33.860	.0346	33.891	33.792	11
27.00	34.016	.0132	34.027	33.985	8
27.10	34.106	.0058	34.114	34.093	8
27.20	34.200	.0000	34.213	34.192	7
27.30	34.290	.0062	34.301	34.282	7
27.40	34.371	.0045	34.383	34.367	6
27.50	34.449	.0051	34.456	34.445	6
27.60	34.533	n/a	n/a	n/a	1
27.70	34.621	n/a	n/a	n/a	1
27.75	34.657	n/a	n/a	n/a	1
27.76	n/a	n/a	n/a	n/a	0

DEPTH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	18	n/a	n/a	n/a	1
24.60	13	8.7	23	6	3
24.80	23	5.2	32	15	8
25.00	28	6.8	41	19	11
25.20	38	10.7	58	26	11
25.40	55	16.2	82	32	11
25.60	81	15.6	104	50	11
25.80	105	10.6	121	83	11
26.00	117	10.8	134	100	11
26.20	128	10.7	145	113	11
26.40	142	11.1	159	127	11
26.60	169	6.2	180	159	11
26.80	261	9.9	277	248	11
27.00	426	13.5	445	407	8
27.10	531	10.6	549	520	8
27.20	654	10.9	668	641	7
27.30	800	16.8	821	769	7
27.40	984	23.9	1011	940	6
27.50	1260	35.8	1316	1204	6
27.60	1606	n/a	n/a	n/a	1
27.70	2095	n/a	n/a	n/a	1
27.75	2934	n/a	n/a	n/a	1
27.76	n/a	n/a	n/a	n/a	0

SVA

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	354.2	n/a	n/a	n/a	1
24.60	335.0	.15	335.2	334.9	3
24.80	316.1	.11	316.3	315.9	8
25.00	297.1	.16	297.4	296.9	11
25.20	278.2	.19	278.6	278.0	11
25.40	259.4	.27	259.8	259.0	11
25.60	240.6	.27	241.0	240.1	11
25.80	221.8	.22	222.1	221.4	11
26.00	203.0	.18	203.2	202.6	11
26.20	184.1	.16	184.3	183.8	11
26.40	165.3	.16	165.6	165.0	11
26.60	146.7	.12	146.9	146.5	11
26.80	128.4	.21	128.7	128.0	11
27.00	110.5	.19	110.7	110.1	8
27.10	101.7	.11	101.9	101.6	8
27.20	93.0	.17	93.3	92.9	7
27.30	84.3	.10	84.4	84.2	7
27.40	75.4	.08	75.5	75.3	6
27.50	66.6	.14	66.8	66.4	6
27.60	57.8	n/a	n/a	n/a	1
27.70	49.0	n/a	n/a	n/a	1
27.75	45.4	n/a	n/a	n/a	1
27.76	n/a	n/a	n/a	n/a	0

THETA

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	12.74	n/a	n/a	n/a	1
24.60	12.21	.286	12.52	11.96	3
24.80	11.12	.212	11.45	10.87	8
25.00	10.01	.237	10.59	9.76	11
25.20	8.89	.259	9.40	8.49	11
25.40	7.75	.207	8.10	7.40	11
25.60	6.80	.412	7.35	6.15	11
25.80	6.34	.608	7.09	5.33	11
26.00	6.23	.595	6.85	5.22	11
26.20	6.12	.537	6.68	5.24	11
26.40	6.01	.444	6.55	5.24	11
26.60	5.77	.339	6.15	5.32	11
26.80	4.93	.245	5.13	4.44	11
27.00	4.21	.095	4.29	3.99	8
27.10	3.94	.050	4.00	3.84	8
27.20	3.68	.053	3.78	3.62	7
27.30	3.39	.052	3.48	3.32	7
27.40	2.99	.056	3.10	2.95	6
27.50	2.54	.044	2.62	2.51	6
27.60	2.09	n/a	n/a	n/a	1
27.70	1.72	n/a	n/a	n/a	1
27.75	1.37	n/a	n/a	n/a	1
27.76	n/a	n/a	n/a	n/a	0

SVA (THETA)

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	353.5	n/a	n/a	n/a	1
24.60	334.2	.55	334.7	333.6	3
24.80	314.7	1.06	315.6	312.5	8
25.00	295.4	1.37	296.5	292.6	11
25.20	276.2	1.53	277.6	272.6	11
25.40	257.9	1.01	258.5	255.7	11
25.60	239.5	.31	239.5	238.4	11
25.80	220.5	.20	220.4	219.8	11
26.00	200.9	.40	201.5	200.3	11
26.20	182.1	.38	182.4	181.2	11
26.40	163.3	.22	163.5	162.8	11
26.60	144.4	.03	144.4	144.3	11
26.80	125.3	.07	125.4	125.2	11
27.00	106.3	.09	106.4	106.1	8
27.10	96.7	.07	96.8	96.6	8
27.20	87.2	.07	87.3	87.1	7
27.30	77.7	.01	77.7	77.7	7
27.40	68.2	.04	68.2	68.1	6
27.50	58.5	.08	58.6	58.4	6
27.60	48.7	n/a	n/a	n/a	1
27.70	39.2	n/a	n/a	n/a	1
27.75	34.1	n/a	n/a	n/a	1
27.76	n/a	n/a	n/a	n/a	0

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DELTA D

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	.680	n/a	n/a	n/a	1
24.60	.467	.3331	.840	.200	3
24.80	.767	.1865	1.130	.510	8
25.00	.902	.2360	1.400	.570	11
25.20	1.201	.3402	1.900	.850	11
25.40	1.645	.4903	2.430	.990	11
25.60	2.298	.4610	2.980	1.440	11
25.80	2.858	.3089	3.210	2.220	11
26.00	3.114	.2953	3.480	2.580	11
26.20	3.337	.2905	3.810	2.950	11
26.40	3.582	.3032	4.120	3.180	11
26.60	4.001	.2289	4.470	3.730	11
26.80	5.252	.2048	5.570	4.950	11
27.00	7.244	.2548	7.490	6.780	8
27.10	8.371	.2444	8.700	8.040	8
27.20	9.544	.2057	9.760	9.310	7
27.30	10.859	.1871	11.130	10.610	7
27.40	12.320	.1600	12.550	12.130	6
27.50	14.278	.1528	14.490	14.090	6
27.60	16.570	n/a	n/a	n/a	1
27.70	19.190	n/a	n/a	n/a	1
27.75	23.240	n/a	n/a	n/a	1
27.76	n/a	n/a	n/a	n/a	0

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
.06	n/a	n/a	n/a	1
.04	.049	.10	.01	3
.10	.044	.18	.04	8
.13	.066	.28	.06	11
.25	.138	.53	.11	11
.48	.285	.97	.15	11
.93	.342	1.50	.34	11
1.45	.390	1.84	.87	11
1.74	.316	2.22	1.21	11
2.02	.332	2.55	1.59	11
2.36	.366	2.90	1.89	11
3.02	.275	3.49	2.61	11
5.78	.401	6.43	5.16	11
12.73	.795	13.81	11.55	8
18.25	.797	19.55	17.43	8
25.54	.893	26.86	24.64	7
35.37	1.296	36.85	33.17	7
48.91	2.105	51.51	45.25	6
71.55	3.465	76.84	66.09	6
104.09	n/a	n/a	n/a	1
153.77	n/a	n/a	n/a	1
258.91	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0

DELTA DH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	11.975	n/a	n/a	n/a	1
24.60	11.883	.0941	11.949	11.816	2
24.80	11.546	.0663	11.645	11.462	5
25.00	11.487	.2102	11.915	11.249	7
25.20	11.177	.2290	11.380	10.748	7
25.40	10.724	.3679	11.163	10.227	7
25.60	10.049	.3228	10.714	9.738	7
25.80	9.585	.1716	9.934	9.425	7
26.00	9.346	.1554	9.573	9.160	7
26.20	9.128	.1651	9.341	8.840	7
26.40	8.893	.1852	9.134	8.533	7
26.60	8.442	.1338	8.599	8.180	7
26.80	7.157	.1260	7.307	7.024	7
27.00	5.182	.1375	5.376	5.011	7
27.10	4.048	.1114	4.154	3.893	7
27.20	2.846	.0844	2.950	2.723	7
27.30	1.531	.1228	1.758	1.374	7
27.40	.051	.1813	.381	-0.157	6
27.50	-1.908	.2631	-1.511	-2.337	6
27.60	-4.087	n/a	n/a	n/a	1
27.70	-6.700	n/a	n/a	n/a	1
27.75	-10.753	n/a	n/a	n/a	1
27.76	n/a	n/a	n/a	n/a	0

ACC. POT.

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
12.627	n/a	n/a	n/a	1
12.371	.3062	12.587	12.154	2
12.329	.1772	12.538	12.129	5
12.321	.1582	12.478	12.086	7
12.257	.1464	12.419	12.038	7
12.171	.1285	12.338	11.985	7
12.043	.1159	12.226	11.901	7
11.862	.1018	12.029	11.727	7
11.658	.0867	11.797	11.536	7
11.433	.0743	11.543	11.329	7
11.186	.0673	11.282	11.105	7
10.907	.0707	11.017	10.835	7
10.531	.0683	10.632	10.446	7
9.919	.0486	9.976	9.847	7
9.499	.0416	9.539	9.430	7
8.979	.0400	9.018	8.905	7
8.339	.0273	8.366	8.292	7
7.535	.0065	7.545	7.526	6
6.562	.0344	6.627	6.530	6
5.291	n/a	n/a	n/a	1
3.693	n/a	n/a	n/a	1
2.773	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0

OXYGEN

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	6.53	n/a	n/a	n/a	1
25.00	6.79	.106	6.86	6.71	2
25.20	6.92	.198	7.06	6.78	5
25.40	7.00	.276	7.20	6.81	5
25.60	6.61	.085	6.67	6.55	5
25.80	5.94	.127	6.03	5.85	5
26.00	5.31	.078	5.36	5.25	5
26.20	4.77	.071	4.82	4.72	5
26.40	4.27	.219	4.42	4.11	5
26.60	3.77	.120	3.86	3.69	5
26.80	2.74	.339	2.98	2.50	5
27.00	1.29	.085	1.35	1.23	5
27.10	.89	.014	.90	.88	5
27.20	.63	.000	.63	.63	5
27.30	.47	.007	.48	.47	5
27.40	.47	.049	.51	.44	5
27.50	.68	.134	.78	.59	2
27.60	1.07	n/a	n/a	n/a	1
27.70	1.61	n/a	n/a	n/a	1
27.75	2.55	n/a	n/a	n/a	1
27.76	n/a	n/a	n/a	n/a	0

SOUND

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
1497	n/a	n/a	n/a	1
1495	1.0	1496	1494	3
1492	.9	1493	1491	8
1488	.9	1490	1487	11
1484	1.2	1486	1482	11
1480	1.0	1481	1478	11
1477	2.0	1479	1473	11
1475	2.5	1479	1471	11
1475	2.5	1478	1471	11
1475	2.3	1478	1472	11
1476	1.8	1478	1473	11
1475	1.6	1477	1473	11
1473	1.2	1475	1471	11
1474	.7	1474	1472	8
1474	.5	1475	1474	8
1475	.5	1476	1475	7
1477	.0	1477	1477	7
1478	.4	1479	1478	6
1481	.4	1482	1481	6
1485	n/a	n/a	n/a	1
1492	n/a	n/a	n/a	1
1506	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0

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TEMPERATURE

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	15.49	.106	15.57	15.42	2
23.80	15.51	.588	15.99	14.60	7
24.00	14.74	.585	15.42	13.63	10
24.20	14.01	.530	14.91	12.77	18
24.40	13.17	.531	14.02	12.00	22
24.60	12.21	.484	13.00	11.30	23
24.80	11.21	.437	11.93	10.40	23
25.00	10.18	.401	10.91	9.47	23
25.20	9.11	.377	9.83	8.55	23
25.40	8.06	.358	8.89	7.19	23
25.60	7.09	.340	7.68	6.34	23
25.80	6.38	.566	7.21	5.59	23
26.00	6.19	.550	7.06	5.43	23
26.20	6.10	.482	6.87	5.40	23
26.40	6.07	.398	6.80	5.46	23
26.60	5.97	.349	6.56	5.42	23
26.80	5.01	.232	5.44	4.57	23
27.00	4.23	.176	4.64	3.89	22
27.10	3.95	.144	4.33	3.75	20
27.20	3.70	.101	3.98	3.59	19
27.30	3.40	.068	3.58	3.32	19
27.40	3.05	.067	3.17	2.91	19
27.50	2.67	.092	2.84	2.51	13
27.60	2.29	.094	2.40	2.19	5
27.70	1.78	n/a	n/a	n/a	1
27.75	1.59	n/a	n/a	n/a	1
27.76	n/a	n/a	n/a	n/a	0

SALINITY

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	32.028	.0306	32.049	32.008	2
23.80	32.309	.1614	32.436	32.057	7
24.00	32.367	.1417	32.530	32.128	10
24.20	32.435	.1208	32.656	32.191	18
24.40	32.476	.1114	32.669	32.248	22
24.60	32.496	.0990	32.676	32.299	23
24.80	32.517	.0925	32.681	32.349	23
25.00	32.541	.0844	32.686	32.405	23
25.20	32.566	.0769	32.706	32.430	23
25.40	32.606	.0681	32.766	32.438	23
25.60	32.681	.0598	32.785	32.551	23
25.80	32.816	.0936	32.955	32.687	23
26.00	33.041	.0895	33.182	32.918	23
26.20	33.279	.0782	33.405	33.166	23
26.40	33.526	.0637	33.647	33.429	23
26.60	33.761	.0558	33.859	33.679	23
26.80	33.870	.0337	33.933	33.808	23
27.00	34.014	.0243	34.072	33.969	22
27.10	34.103	.0191	34.155	34.077	20
27.20	34.197	.0126	34.233	34.182	19
27.30	34.286	.0080	34.307	34.276	19
27.40	34.370	.0071	34.383	34.354	19
27.50	34.453	.0101	34.472	34.435	13
27.60	34.540	.0093	34.549	34.533	5
27.70	34.614	n/a	n/a	n/a	1
27.75	34.657	n/a	n/a	n/a	1
27.76	n/a	n/a	n/a	n/a	0

DEPTH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	23	3.5	25	20	2
23.80	24	7.0	31	11	7
24.00	24	10.1	35	5	10
24.20	22	10.0	39	7	18
24.40	26	8.4	42	13	22
24.60	30	8.2	46	16	23
24.80	35	8.8	50	18	23
25.00	39	9.3	57	23	23
25.20	45	10.9	66	30	23
25.40	57	14.0	82	37	23
25.60	76	17.6	101	44	23
25.80	102	10.5	122	77	23
26.00	118	7.6	134	107	23
26.20	130	8.6	148	114	23
26.40	146	11.4	175	124	23
26.60	174	11.4	197	150	23
26.80	261	15.6	280	216	23
27.00	418	24.2	446	363	22
27.10	529	24.2	573	482	20
27.20	652	29.2	702	598	19
27.30	802	33.5	870	740	19
27.40	993	46.6	1101	911	19
27.50	1237	71.1	1367	1129	13
27.60	1558	113.0	1687	1422	5
27.70	2280	n/a	n/a	n/a	1
27.75	3432	n/a	n/a	n/a	1
27.76	n/a	n/a	n/a	n/a	0

SVA

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	430.7	.10	430.8	430.6	2
23.80	411.6	.17	411.8	411.3	7
24.00	392.5	.20	392.7	392.1	10
24.20	373.3	.18	373.6	373.0	18
24.40	354.3	.14	354.5	353.9	22
24.60	335.3	.17	335.6	334.8	23
24.80	316.3	.20	316.7	315.9	23
25.00	297.3	.18	297.6	296.9	23
25.20	278.3	.19	278.7	278.0	23
25.40	259.4	.23	259.8	259.1	23
25.60	240.6	.25	241.0	240.2	23
25.80	221.8	.19	222.0	221.4	23
26.00	203.0	.16	203.2	202.7	23
26.20	184.2	.18	184.4	183.9	23
26.40	165.4	.19	165.7	165.1	23
26.60	146.8	.21	147.1	146.4	23
26.80	128.4	.24	128.7	127.9	23
27.00	110.5	.33	111.1	109.9	22
27.10	101.7	.34	102.4	101.2	20
27.20	93.0	.31	93.5	92.5	19
27.30	84.2	.25	84.6	83.8	19
27.40	75.4	.19	75.7	74.9	19
27.50	66.5	.19	66.8	66.1	13
27.60	57.8	.33	58.2	57.4	5
27.70	49.3	n/a	n/a	n/a	1
27.75	46.8	n/a	n/a	n/a	1
27.76	n/a	n/a	n/a	n/a	0

THETA

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	15.49	.099	15.56	15.42	2
23.80	15.51	.586	15.99	14.60	7
24.00	14.74	.583	15.42	13.63	10
24.20	14.01	.529	14.90	12.77	18
24.40	13.16	.532	14.01	11.99	22
24.60	12.21	.486	12.99	11.29	23
24.80	11.21	.437	11.93	10.40	23
25.00	10.18	.403	10.91	9.46	23
25.20	9.11	.379	9.83	8.55	23
25.40	8.06	.358	8.88	7.19	23
25.60	7.08	.341	7.68	6.33	23
25.80	6.38	.566	7.20	5.58	23
26.00	6.18	.551	7.06	5.42	23
26.20	6.09	.482	6.86	5.39	23
26.40	6.06	.397	6.79	5.45	23
26.60	5.95	.351	6.55	5.41	23
26.80	4.99	.232	5.42	4.55	23
27.00	4.20	.175	4.61	3.86	22
27.10	3.91	.142	4.29	3.72	20
27.20	3.65	.100	3.93	3.54	19
27.30	3.34	.067	3.52	3.26	19
27.40	2.98	.068	3.10	2.84	19
27.50	2.58	.097	2.76	2.41	13
27.60	2.18	.102	2.30	2.07	5
27.70	1.61	n/a	n/a	n/a	1
27.75	1.32	n/a	n/a	n/a	1
27.76	n/a	n/a	n/a	n/a	0

SVA (THETA)

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	429.9	.02	430.0	429.9	2
23.80	409.8	.66	410.8	409.0	7
24.00	389.8	2.60	391.7	385.2	10
24.20	370.3	2.42	372.8	364.4	18
24.40	351.0	2.73	353.7	345.4	22
24.60	331.9	2.59	334.7	326.1	23
24.80	312.9	2.67	315.5	307.5	23
25.00	294.2	2.58	296.5	287.0	23
25.20	275.7	2.12	277.5	269.6	23
25.40	257.6	1.07	258.5	254.8	23
25.60	239.1	.50	239.5	237.9	23
25.80	220.2	.28	220.5	219.4	23
26.00	201.0	.47	201.4	199.8	23
26.20	182.1	.34	182.5	181.4	23
26.40	163.2	.17	163.4	162.8	23
26.60	144.4	.06	144.4	144.2	23
26.80	125.3	.08	125.4	125.2	23
27.00	106.2	.13	106.4	106.0	22
27.10	96.7	.09	96.8	96.6	20
27.20	87.2	.08	87.3	87.1	19
27.30	77.7	.05	77.7	77.6	19
27.40	68.1	.07	68.2	68.0	19
27.50	58.5	.10	58.6	58.3	13
27.60	48.8	.22	49.0	48.5	5
27.70	39.1	n/a	n/a	n/a	1
27.75	33.8	n/a	n/a	n/a	1
27.76	n/a	n/a	n/a	n/a	0

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DELTA D

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	.975	.1485	1.080	.870	2
23.80	1.016	.3018	1.330	.450	7
24.00	.991	.4318	1.490	.200	10
24.20	.899	.4365	1.640	.250	18
24.40	1.018	.3795	1.780	.500	22
24.60	1.163	.3681	1.910	.590	23
24.80	1.307	.3835	2.050	.680	23
25.00	1.443	.4001	2.270	.820	23
25.20	1.628	.4434	2.470	1.060	23
25.40	1.932	.5108	2.870	1.290	23
25.60	2.421	.5967	3.420	1.460	23
25.80	3.021	.4004	3.780	2.220	23
26.00	3.363	.3015	4.040	2.920	23
26.20	3.605	.3013	4.260	3.150	23
26.40	3.884	.3437	4.620	3.360	23
26.60	4.308	.3622	5.030	3.690	23
26.80	5.497	.4185	6.300	4.590	23
27.00	7.394	.5200	8.200	6.340	22
27.10	8.576	.5206	9.250	7.600	20
27.20	9.799	.5535	10.590	8.750	19
27.30	11.139	.5796	12.090	10.080	19
27.40	12.683	.6715	13.960	11.460	19
27.50	14.365	.8269	15.870	13.010	13
27.60	16.494	.9643	17.550	15.040	5
27.70	20.720	n/a	n/a	n/a	1
27.75	26.280	n/a	n/a	n/a	1
27.76	n/a	n/a	n/a	n/a	0

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.12	.035	.14	.09	2
.13	.067	.21	.02	7
.14	.088	.26	.01	10
.12	.099	.32	.01	18
.15	.101	.38	.03	22
.19	.108	.44	.05	23
.24	.124	.50	.06	23
.29	.143	.62	.09	23
.38	.187	.75	.16	23
.55	.269	1.08	.23	23
.89	.394	1.56	.30	23
1.42	.506	1.97	.77	23
1.80	.547	2.31	1.45	23
2.11	.578	2.69	1.69	23
2.51	.574	3.48	1.90	23
3.21	.428	4.15	2.42	23
5.85	.671	6.92	4.09	23
12.44	1.396	14.14	9.26	22
18.21	1.691	20.85	14.75	20
25.54	2.320	29.57	21.07	19
35.55	3.011	41.64	30.10	19
49.82	4.615	60.65	41.76	19
69.73	7.779	84.84	58.04	13
97.93	12.989	114.35	84.21	5
179.06	n/a	n/a	n/a	1
343.54	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0

DELTA DH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	12.157	.3444	12.401	11.914	2
23.80	11.902	.0963	12.036	11.788	6
24.00	11.874	.2116	12.285	11.660	9
24.20	11.823	.2280	12.310	11.539	15
24.40	11.620	.1965	12.017	11.319	18
24.60	11.465	.1848	11.798	11.139	19
24.80	11.326	.1784	11.697	11.005	19
25.00	11.192	.1750	11.517	10.905	19
25.20	11.003	.2142	11.427	10.653	19
25.40	10.682	.2551	11.059	10.214	19
25.60	10.206	.3022	10.726	9.750	19
25.80	9.634	.1826	9.892	9.252	19
26.00	9.297	.1911	9.586	8.955	19
26.20	9.053	.2065	9.460	8.739	19
26.40	8.764	.2369	9.286	8.303	19
26.60	8.323	.1779	8.747	7.952	19
26.80	7.133	.1088	7.401	6.923	19
27.00	5.195	.1580	5.649	5.016	19
27.10	4.047	.1645	4.382	3.743	19
27.20	2.857	.2117	3.241	2.474	19
27.30	1.518	.2470	1.962	1.010	19
27.40	-0.025	.3549	.586	-0.868	19
27.50	-1.767	.5374	-0.965	-2.775	13
27.60	-3.722	.7836	-2.836	-4.694	5
27.70	-7.867	n/a	n/a	n/a	1
27.75	-13.434	n/a	n/a	n/a	1
27.76	n/a	n/a	n/a	n/a	0

ACC. POT.

MEAN	S.D.	MAX	MIN	N
13.130	.1937	13.267	12.993	2
12.979	.1373	13.210	12.823	6
12.792	.2925	13.147	12.112	9
12.691	.3021	13.088	12.043	15
12.570	.3185	13.037	11.961	18
12.505	.3004	12.976	11.922	19
12.442	.2885	12.898	11.877	19
12.371	.2748	12.803	11.818	19
12.290	.2599	12.697	11.754	19
12.194	.2414	12.566	11.673	19
12.067	.2163	12.403	11.570	19
11.900	.1923	12.218	11.430	19
11.690	.1849	12.003	11.231	19
11.456	.1811	11.760	11.009	19
11.198	.1776	11.482	10.768	19
10.903	.1723	11.165	10.502	19
10.518	.1562	10.745	10.181	19
9.909	.1272	10.107	9.668	19
9.488	.1094	9.667	9.294	19
8.967	.0851	9.109	8.802	19
8.329	.0568	8.426	8.218	19
7.536	.0221	7.561	7.479	19
6.548	.0437	6.609	6.434	13
5.380	.0919	5.473	5.227	5
3.523	n/a	n/a	n/a	1
2.882	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0

OXYGEN

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	6.02	n/a	n/a	n/a	1
23.80	6.11	.092	6.17	6.04	2
24.00	6.27	.021	6.28	6.25	3
24.20	6.42	.092	6.50	6.33	3
24.40	6.66	.261	6.91	6.39	3
24.60	6.75	.279	7.00	6.45	3
24.80	6.73	.196	6.89	6.51	3
25.00	6.75	.191	6.96	6.59	3
25.20	6.77	.218	7.02	6.62	3
25.40	6.76	.215	6.98	6.55	3
25.60	6.50	.346	6.78	6.31	3
25.80	6.18	.360	6.57	5.86	3
26.00	6.03	.394	6.58	5.72	3
26.20	5.10	.721	5.95	4.58	3
26.40	4.25	.208	4.48	4.07	3
26.60	3.39	.281	3.69	3.13	3
26.80	2.39	.362	2.79	2.09	3
27.00	1.22	.093	1.33	1.16	3
27.10	.79	.142	.90	.63	3
27.20	.54	.091	.61	.44	3
27.30	.42	.036	.46	.39	3
27.40	.35	.046	.40	.31	3
27.50	.47	n/a	n/a	n/a	1
27.60	.97	n/a	n/a	n/a	1
27.70	1.75	n/a	n/a	n/a	1
27.75	2.72	n/a	n/a	n/a	1
27.76	n/a	n/a	n/a	n/a	0

SOUND

MEAN	S.D.	MAX	MIN	N
1506	.7	1506	1505	2
1506	2.1	1508	1503	7
1504	2.0	1506	1500	10
1502	1.9	1504	1497	18
1499	2.0	1502	1495	22
1496	1.8	1498	1492	23
1492	1.6	1495	1489	23
1489	1.4	1491	1486	23
1485	1.3	1487	1483	23
1481	1.5	1484	1477	23
1478	1.7	1480	1474	23
1475	2.5	1479	1472	23
1475	2.3	1479	1473	23
1475	2.1	1478	1473	23
1476	1.8	1479	1473	23
1476	1.6	1479	1474	23
1474	1.1	1476	1472	23
1473	1.1	1476	1472	22
1474	1.0	1476	1473	20
1475	.9	1477	1474	19
1477	.5	1477	1476	19
1479	.7	1480	1477	19
1481	.9	1482	1480	13
1485	1.6	1487	1483	5
1495	n/a	n/a	n/a	1
1514	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0

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TEMPERATURE

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	16.55	n/a	n/a	n/a	1
23.80	15.48	.269	15.67	15.29	2
24.00	14.83	.348	15.36	14.47	8
24.20	14.10	.402	14.91	13.61	16
24.40	13.10	.331	13.79	12.65	18
24.60	12.09	.363	12.97	11.68	18
24.80	11.07	.409	12.01	10.53	18
25.00	10.10	.436	11.10	9.52	18
25.20	9.12	.435	10.08	8.49	18
25.40	8.11	.493	9.29	7.25	18
25.60	7.17	.435	8.06	6.30	18
25.80	6.63	.431	7.40	5.82	18
26.00	6.37	.441	6.90	5.33	18
26.20	6.22	.402	6.86	5.45	18
26.40	6.12	.358	6.87	5.47	18
26.60	5.97	.317	6.54	5.40	18
26.80	5.10	.235	5.43	4.70	18
27.00	4.25	.145	4.55	4.04	15
27.10	3.97	.111	4.24	3.76	15
27.20	3.70	.083	3.93	3.58	15
27.30	3.42	.067	3.54	3.30	15
27.40	3.06	.054	3.14	2.94	15
27.50	2.63	.042	2.70	2.54	12
27.60	2.20	.021	2.22	2.17	4
27.70	1.74	n/a	n/a	n/a	1
27.75	1.57	n/a	n/a	n/a	1
27.76	n/a	n/a	n/a	n/a	0

SALINITY

MEAN	S.D.	MAX	MIN	N
32.373	n/a	n/a	n/a	1
32.315	.1202	32.400	32.230	2
32.370	.0974	32.510	32.268	8
32.433	.1057	32.660	32.303	16
32.458	.0966	32.674	32.330	18
32.483	.0967	32.687	32.330	18
32.506	.0963	32.699	32.354	18
32.532	.0956	32.711	32.391	18
32.566	.0889	32.743	32.418	18
32.612	.0915	32.833	32.468	18
32.694	.0765	32.849	32.550	18
32.856	.0713	32.984	32.721	18
33.070	.0709	33.152	32.908	18
33.297	.0647	33.408	33.180	18
33.534	.0566	33.655	33.435	18
33.762	.0500	33.854	33.675	18
33.882	.0337	33.931	33.826	18
34.016	.0196	34.056	33.988	15
34.106	.0149	34.142	34.077	15
34.197	.0100	34.227	34.181	15
34.288	.0076	34.302	34.273	15
34.372	.0058	34.380	34.358	15
34.449	.0050	34.456	34.439	12
34.531	.0054	34.534	34.530	4
34.609	n/a	n/a	n/a	1
34.655	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0

DEPTH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	22	n/a	n/a	n/a	1
23.80	24	1	24	23	2
24.00	21	9.2	29	6	8
24.20	30	5.1	40	19	16
24.40	34	6.2	46	22	18
24.60	37	6.8	54	24	18
24.80	41	7.0	60	27	18
25.00	45	7.8	66	30	18
25.20	51	8.3	71	39	18
25.40	64	9.8	79	49	18
25.60	87	12.1	116	70	18
25.80	104	9.3	132	92	18
26.00	119	8.8	139	106	18
26.20	131	9.3	148	117	18
26.40	147	10.0	163	132	18
26.60	177	14.4	199	150	18
26.80	262	13.7	287	238	18
27.00	426	19.5	473	390	15
27.10	534	15.8	574	511	15
27.20	660	20.5	705	631	15
27.30	808	27.0	879	773	15
27.40	996	30.6	1095	968	15
27.50	1264	49.7	1404	1218	12
27.60	1657	24.8	1690	1631	4
27.70	2400	n/a	n/a	n/a	1
27.75	3319	n/a	n/a	n/a	1
27.76	n/a	n/a	n/a	n/a	0

SVA

MEAN	S.D.	MAX	MIN	N
430.6	n/a	n/a	n/a	1
411.5	.13	411.6	411.4	2
392.5	.25	392.7	392.1	8
373.6	.16	373.9	373.3	16
354.5	.19	354.8	354.1	18
335.3	.24	335.8	334.8	18
316.3	.25	316.7	315.7	18
297.3	.24	297.6	296.7	18
278.4	.21	278.7	277.9	18
259.6	.17	259.8	259.2	18
240.8	.16	241.1	240.5	18
221.9	.14	222.2	221.6	18
203.0	.16	203.3	202.7	18
184.2	.16	184.4	183.9	18
165.4	.19	165.8	165.1	18
146.8	.23	147.3	146.5	18
128.5	.20	128.8	128.0	18
110.6	.23	111.0	110.0	15
101.8	.18	102.1	101.4	15
93.0	.19	93.3	92.6	15
84.3	.16	84.5	83.9	15
75.5	.14	75.8	75.3	15
66.6	.18	67.0	66.3	12
58.0	.12	58.1	57.9	4
49.3	n/a	n/a	n/a	1
46.6	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0

THETA

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	16.55	n/a	n/a	n/a	1
23.80	15.47	.276	15.67	15.28	2
24.00	14.82	.345	15.35	14.46	8
24.20	14.10	.400	14.90	13.61	16
24.40	13.10	.330	13.79	12.65	18
24.60	12.08	.364	12.97	11.68	18
24.80	11.06	.409	12.01	10.53	18
25.00	10.09	.437	11.09	9.51	18
25.20	9.12	.437	10.08	8.49	18
25.40	8.10	.493	9.28	7.24	18
25.60	7.16	.436	8.05	6.29	18
25.80	6.62	.431	7.39	5.81	18
26.00	6.36	.442	6.89	5.32	18
26.20	6.21	.404	6.85	5.43	18
26.40	6.11	.357	6.85	5.46	18
26.60	5.96	.316	6.52	5.39	18
26.80	5.08	.235	5.41	4.68	18
27.00	4.22	.142	4.51	4.01	15
27.10	3.93	.112	4.20	3.72	15
27.20	3.66	.085	3.89	3.53	15
27.30	3.36	.066	3.48	3.24	15
27.40	2.99	.056	3.07	2.86	15
27.50	2.54	.048	2.62	2.44	12
27.60	2.08	.016	2.10	2.06	4
27.70	1.57	n/a	n/a	n/a	1
27.75	1.32	n/a	n/a	n/a	1
27.76	n/a	n/a	n/a	n/a	0

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
427.4	n/a	n/a	n/a	1
408.6	3.18	410.9	406.4	2
391.2	1.13	391.9	388.5	8
372.1	.72	372.8	370.5	16
351.0	2.78	353.6	344.1	18
330.6	3.86	334.7	321.4	18
311.2	3.99	315.4	301.8	18
293.4	3.63	296.6	284.7	18
275.9	2.28	277.6	269.7	18
257.9	.82	258.5	255.6	18
239.0	.45	239.5	237.6	18
220.2	.23	220.5	219.6	18
201.0	.44	201.4	200.0	18
182.2	.27	182.4	181.5	18
163.3	.18	163.4	162.9	18
144.4	.04	144.4	144.3	18
125.3	.08	125.4	125.2	18
106.3	.10	106.4	106.1	15
96.7	.10	96.8	96.6	15
87.2	.06	87.3	87.1	15
77.7	.04	77.7	77.6	15
68.1	.06	68.2	68.0	15
58.5	.10	58.6	58.4	12
48.6	.06	48.7	48.6	4
39.1	n/a	n/a	n/a	1
33.9	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0

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DELTA D

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	.970	n/a	n/a	n/a	1
23.80	1.030	.0849	1.090	.970	2
24.00	.868	.3834	1.200	.240	8
24.20	1.175	.1962	1.510	.720	16
24.40	1.317	.2341	1.760	.850	18
24.60	1.428	.2501	2.010	.910	18
24.80	1.539	.2601	2.200	1.000	18
25.00	1.664	.2771	2.380	1.100	18
25.20	1.853	.3013	2.550	1.380	18
25.40	2.194	.3348	2.750	1.750	18
25.60	2.764	.3503	3.410	2.260	18
25.80	3.179	.2513	3.780	2.870	18
26.00	3.496	.2199	3.940	3.150	18
26.20	3.731	.2264	4.110	3.360	18
26.40	4.008	.2430	4.390	3.640	18
26.60	4.469	.3071	4.870	3.910	18
26.80	5.636	.2907	6.210	5.060	18
27.00	7.589	.3161	8.090	6.860	15
27.10	8.743	.2596	9.180	8.300	15
27.20	9.981	.3190	10.470	9.370	15
27.30	11.303	.3591	12.020	10.610	15
27.40	12.826	.3684	13.780	12.330	15
27.50	14.716	.5200	16.000	13.990	12
27.60	17.245	.3154	17.650	16.890	4
27.70	21.470	n/a	n/a	n/a	1
27.75	25.880	n/a	n/a	n/a	1
27.76	n/a	n/a	n/a	n/a	0

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.11	n/a	n/a	n/a	1
.13	.014	.14	.12	2
.11	.067	.17	.01	8
.19	.059	.31	.07	16
.24	.084	.42	.10	18
.28	.103	.55	.11	18
.32	.116	.66	.13	18
.38	.134	.77	.16	18
.47	.160	.89	.26	18
.68	.201	1.04	.40	18
1.13	.302	1.85	.73	18
1.52	.270	2.33	1.20	18
1.89	.263	2.55	1.49	18
2.19	.289	2.79	1.73	18
2.59	.329	3.13	2.10	18
3.36	.477	4.05	2.51	18
5.98	.609	7.04	4.93	18
12.84	1.083	15.38	10.70	15
18.53	1.068	21.24	17.02	15
26.11	1.594	29.73	23.81	15
36.10	2.373	42.37	32.76	15
50.21	3.104	60.15	47.11	15
72.51	5.686	88.66	67.13	12
109.71	3.080	114.03	106.75	4
194.29	n/a	n/a	n/a	1
324.50	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0

DELTA DH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	12.124	n/a	n/a	n/a	1
23.80	12.040	.0487	12.074	12.005	2
24.00	11.952	.3485	12.393	11.474	7
24.20	11.600	.1834	11.921	11.288	14
24.40	11.445	.1937	11.848	11.134	15
24.60	11.339	.2022	11.778	10.978	15
24.80	11.229	.2058	11.624	10.784	15
25.00	11.103	.2152	11.422	10.603	15
25.20	10.910	.2060	11.176	10.435	15
25.40	10.549	.2172	11.001	10.238	15
25.60	9.952	.2764	10.472	9.415	15
25.80	9.582	.2347	10.046	9.043	15
26.00	9.301	.1811	9.526	8.887	15
26.20	9.079	.1722	9.333	8.718	15
26.40	8.815	.1602	9.104	8.508	15
26.60	8.360	.1837	8.715	8.061	15
26.80	7.193	.1428	7.378	6.881	15
27.00	5.192	.1542	5.507	4.869	15
27.10	4.036	.1093	4.189	3.779	15
27.20	2.799	.1517	3.010	2.485	15
27.30	1.475	.2086	1.758	.932	15
27.40	-0.046	.2385	.171	-0.821	15
27.50	-1.959	.3842	-1.625	-3.042	12
27.60	-4.425	.1705	-4.260	-4.664	4
27.70	-8.480	n/a	n/a	n/a	1
27.75	-12.890	n/a	n/a	n/a	1
27.76	n/a	n/a	n/a	n/a	0

ACC. POT.

MEAN	S.D.	MAX	MIN	N
13.059	n/a	n/a	n/a	1
13.027	.0166	13.039	13.015	2
12.758	.1970	12.987	12.522	7
12.725	.1970	12.968	12.349	14
12.671	.1855	12.894	12.308	15
12.602	.1771	12.796	12.263	15
12.527	.1688	12.726	12.215	15
12.445	.1602	12.653	12.161	15
12.355	.1515	12.569	12.099	15
12.247	.1404	12.461	12.011	15
12.103	.1337	12.330	11.878	15
11.918	.1284	12.165	11.695	15
11.707	.1243	11.965	11.484	15
11.474	.1193	11.726	11.252	15
11.216	.1157	11.473	11.000	15
10.924	.1107	11.181	10.727	15
10.540	.1011	10.787	10.372	15
9.937	.0825	10.142	9.825	15
9.515	.0659	9.675	9.428	15
8.989	.0539	9.118	8.915	15
8.344	.0333	8.428	8.297	15
7.545	.0105	7.557	7.525	15
6.542	.0294	6.593	6.466	12
5.294	.0474	5.364	5.264	4
3.515	n/a	n/a	n/a	1
2.804	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0

OXYGEN

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	6.25	n/a	n/a	n/a	1
24.20	6.27	.184	6.40	6.14	2
24.40	6.41	.233	6.58	6.25	2
24.60	6.54	.311	6.76	6.32	2
24.80	6.65	.389	6.93	6.38	2
25.00	6.76	.453	7.08	6.44	2
25.20	6.85	.509	7.21	6.49	2
25.40	6.75	.608	7.18	6.32	2
25.60	6.28	.594	6.70	5.86	2
25.80	5.69	.346	5.94	5.45	2
26.00	5.20	.262	5.38	5.01	2
26.20	4.73	.184	4.86	4.60	2
26.40	4.27	.134	4.37	4.18	2
26.60	3.82	.163	3.93	3.70	2
26.80	2.52	.028	2.54	2.50	2
27.00	1.12	.057	1.16	1.08	2
27.10	.81	.099	.88	.74	2
27.20	.56	.092	.63	.50	2
27.30	.40	.014	.41	.39	2
27.40	.44	.106	.51	.36	2
27.50	.56	.021	.57	.54	2
27.60	1.00	.007	1.01	1.00	2
27.70	1.92	n/a	n/a	n/a	1
27.75	2.70	n/a	n/a	n/a	1
27.76	n/a	n/a	n/a	n/a	0

SOUND

MEAN	S.D.	MAX	MIN	N
1509	n/a	n/a	n/a	1
1506	1.4	1507	1505	2
1504	1.2	1506	1503	8
1502	1.5	1505	1500	16
1499	1.3	1501	1497	18
1495	1.5	1498	1493	18
1492	1.3	1495	1490	18
1488	1.7	1492	1486	18
1485	1.8	1489	1482	18
1481	2.0	1486	1478	18
1478	1.8	1482	1474	18
1476	1.6	1479	1473	18
1476	1.9	1478	1472	18
1476	1.7	1479	1473	18
1476	1.5	1479	1473	18
1476	1.4	1478	1474	18
1474	.9	1475	1472	18
1473	.7	1475	1472	15
1474	.7	1476	1473	15
1475	.6	1476	1474	15
1477	.4	1477	1476	15
1479	.6	1480	1478	15
1481	.6	1483	1481	12
1486	.5	1487	1486	4
1497	n/a	n/a	n/a	1
1512	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0

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TEMPERATURE

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	14.30	.113	14.38	14.22	2
24.40	13.00	.326	13.32	12.39	6
24.60	11.96	.240	12.35	11.65	8
24.80	11.07	.273	11.45	10.68	9
25.00	10.05	.268	10.62	9.71	9
25.20	8.99	.248	9.45	8.69	9
25.40	7.90	.124	8.08	7.75	9
25.60	7.06	.276	7.44	6.63	9
25.80	6.52	.511	7.14	5.81	9
26.00	6.27	.449	6.90	5.71	9
26.20	6.14	.375	6.68	5.60	9
26.40	6.20	.330	6.56	5.63	9
26.60	6.22	.187	6.47	5.89	9
26.80	5.18	.154	5.40	4.88	9
27.00	4.27	.122	4.47	4.12	8
27.10	4.00	.079	4.14	3.93	8
27.20	3.71	.066	3.82	3.64	8
27.30	3.38	.054	3.48	3.31	8
27.40	3.02	.048	3.12	2.98	8
27.50	2.62	.050	2.71	2.53	8
27.60	2.21	.049	2.31	2.18	6
27.70	1.78	n/a	n/a	n/a	1
27.75	1.58	n/a	n/a	n/a	1
27.76	n/a	n/a	n/a	n/a	0

SALINITY

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	32.559	.0043	32.565	32.554	2
24.40	32.448	.1234	32.583	32.243	6
24.60	32.452	.0988	32.600	32.340	8
24.80	32.487	.0834	32.615	32.376	9
25.00	32.517	.0714	32.630	32.410	9
25.20	32.549	.0473	32.617	32.486	9
25.40	32.576	.0369	32.623	32.536	9
25.60	32.678	.0505	32.755	32.596	9
25.80	32.842	.0890	32.953	32.721	9
26.00	33.054	.0739	33.152	32.962	9
26.20	33.285	.0616	33.376	33.196	9
26.40	33.546	.0538	33.602	33.454	9
26.60	33.801	.0305	33.843	33.748	9
26.80	33.894	.0229	33.927	33.850	9
27.00	34.021	.0178	34.048	33.999	8
27.10	34.110	.0103	34.129	34.100	8
27.20	34.198	.0061	34.213	34.188	8
27.30	34.284	.0088	34.296	34.275	8
27.40	34.367	.0066	34.378	34.362	8
27.50	34.449	.0048	34.458	34.437	8
27.60	34.533	.0029	34.539	34.530	6
27.70	34.613	n/a	n/a	n/a	1
27.75	34.656	n/a	n/a	n/a	1
27.76	n/a	n/a	n/a	n/a	0

DEPTH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	33	.7	33	32	2
24.40	39	7.0	50	32	6
24.60	42	5.3	51	36	8
24.80	47	4.1	53	41	9
25.00	51	5.5	59	44	9
25.20	57	7.7	67	47	9
25.40	65	8.8	76	54	9
25.60	82	11.5	99	65	9
25.80	99	7.8	109	89	9
26.00	112	7.2	119	97	9
26.20	126	7.8	134	110	9
26.40	142	6.4	149	128	9
26.60	172	6.3	183	164	9
26.80	284	15.7	298	247	9
27.00	459	7.6	466	444	8
27.10	561	8.1	572	546	8
27.20	675	12.7	688	648	8
27.30	827	14.7	848	803	8
27.40	1024	21.9	1063	985	8
27.50	1283	36.0	1338	1208	6
27.60	1635	80.0	1681	1474	6
27.70	2351	n/a	n/a	n/a	1
27.75	3270	n/a	n/a	n/a	1
27.76	n/a	n/a	n/a	n/a	0

SVA

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	373.3	.08	373.4	373.3	2
24.40	354.5	.37	354.9	354.0	6
24.60	335.4	.32	335.7	334.8	8
24.80	316.5	.30	316.8	315.8	9
25.00	297.5	.20	297.6	297.0	9
25.20	278.5	.13	278.6	278.2	9
25.40	259.5	.14	259.7	259.4	9
25.60	240.7	.17	240.9	240.4	9
25.80	221.8	.11	221.9	221.6	9
26.00	202.9	.08	203.1	202.8	9
26.20	184.1	.07	184.2	184.0	9
26.40	165.4	.10	165.5	165.2	9
26.60	146.9	.13	147.1	146.7	9
26.80	128.8	.18	129.0	128.4	9
27.00	110.9	.16	111.1	110.6	8
27.10	102.0	.16	102.3	101.8	8
27.20	93.1	.13	93.4	93.0	8
27.30	84.3	.17	84.6	84.2	8
27.40	75.5	.11	75.7	75.4	8
27.50	66.7	.14	66.9	66.5	8
27.60	57.9	.28	58.1	57.4	6
27.70	49.5	n/a	n/a	n/a	1
27.75	46.5	n/a	n/a	n/a	1
27.76	n/a	n/a	n/a	n/a	0

THETA

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	14.30	.106	14.37	14.22	2
24.40	13.00	.324	13.31	12.39	6
24.60	11.95	.240	12.34	11.64	8
24.80	11.06	.273	11.45	10.67	9
25.00	10.05	.270	10.62	9.71	9
25.20	8.98	.247	9.44	8.69	9
25.40	7.90	.124	8.08	7.74	9
25.60	7.05	.275	7.43	6.62	9
25.80	6.51	.509	7.13	5.81	9
26.00	6.26	.449	6.89	5.70	9
26.20	6.13	.375	6.67	5.59	9
26.40	6.19	.330	6.55	5.62	9
26.60	6.20	.185	6.46	5.88	9
26.80	5.16	.151	5.37	4.86	9
27.00	4.24	.118	4.43	4.09	8
27.10	3.96	.077	4.09	3.89	8
27.20	3.66	.066	3.77	3.59	8
27.30	3.32	.053	3.42	3.25	8
27.40	2.95	.049	3.05	2.90	8
27.50	2.53	.053	2.62	2.43	8
27.60	2.10	.056	2.21	2.06	6
27.70	1.61	n/a	n/a	n/a	1
27.75	1.32	n/a	n/a	n/a	1
27.76	n/a	n/a	n/a	n/a	0

SVA (THETA)

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	366.7	1.70	367.9	365.5	2
24.40	350.0	4.99	353.7	341.7	6
24.60	330.6	4.56	334.0	321.1	8
24.80	312.6	3.96	315.4	303.2	9
25.00	293.8	2.80	296.5	287.6	9
25.20	275.1	1.85	277.2	271.4	9
25.40	257.6	1.36	258.5	254.6	9
25.60	238.7	.72	239.5	237.8	9
25.80	219.9	.43	220.4	219.4	9
26.00	201.0	.42	201.4	200.1	9
26.20	182.2	.29	182.4	181.7	9
26.40	163.3	.15	163.4	163.0	9
26.60	144.4	.06	144.4	144.2	9
26.80	125.3	.09	125.4	125.2	9
27.00	106.2	.14	106.3	106.0	8
27.10	96.7	.08	96.8	96.6	8
27.20	87.2	.00	87.2	87.2	8
27.30	77.7	.05	77.7	77.6	8
27.40	68.1	.05	68.1	68.0	8
27.50	58.4	.10	58.6	58.3	8
27.60	48.7	.20	49.1	48.6	6
27.70	39.1	n/a	n/a	n/a	1
27.75	33.9	n/a	n/a	n/a	1
27.76	n/a	n/a	n/a	n/a	0

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DELTA D

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	1.270	.0141	1.280	1.260	2
24.40	1.445	.2503	1.830	1.160	6
24.60	1.531	.1952	1.870	1.240	8
24.80	1.664	.1204	1.910	1.520	9
25.00	1.807	.1479	1.980	1.580	9
25.20	1.982	.1999	2.210	1.680	9
25.40	2.202	.2305	2.460	1.870	9
25.60	2.609	.3204	3.130	2.200	9
25.80	3.010	.2344	3.370	2.720	9
26.00	3.304	.2066	3.590	2.920	9
26.20	3.570	.1992	3.840	3.170	9
26.40	3.844	.1795	4.100	3.490	9
26.60	4.313	.1662	4.540	4.040	9
26.80	5.852	.2675	6.090	5.200	9
27.00	7.976	.1621	8.180	7.710	8
27.10	9.076	.1407	9.320	8.860	8
27.20	10.202	.1916	10.460	9.860	8
27.30	11.561	.1833	11.790	11.240	8
27.40	13.146	.2534	13.540	12.660	8
27.50	15.009	.3580	15.520	14.250	8
27.60	17.207	.6337	17.550	15.920	6
27.70	21.160	n/a	n/a	n/a	1
27.75	25.590	n/a	n/a	n/a	1
27.76	n/a	n/a	n/a	n/a	0

POT. ENERGY

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	.21	.007	.22	.21	2
24.40	.29	.107	.47	.19	6
24.60	.34	.087	.49	.23	8
24.80	.40	.062	.51	.32	9
25.00	.47	.087	.58	.36	9
25.20	.57	.131	.74	.40	9
25.40	.71	.164	.91	.50	9
25.60	1.03	.265	1.45	.66	9
25.80	1.39	.213	1.71	1.14	9
26.00	1.71	.188	1.96	1.33	9
26.20	2.03	.208	2.28	1.59	9
26.40	2.41	.199	2.66	1.98	9
26.60	3.16	.213	3.51	2.80	9
26.80	6.76	.618	7.34	5.30	9
27.00	14.75	.455	15.16	13.96	8
27.10	20.50	.499	21.21	19.51	8
27.20	27.67	.929	28.56	25.67	8
27.30	38.14	1.243	39.92	35.93	8
27.40	53.21	1.971	56.73	49.88	8
27.50	75.32	3.737	81.17	67.76	8
27.60	108.43	8.723	113.37	90.82	6
27.70	187.99	n/a	n/a	n/a	1
27.75	316.49	n/a	n/a	n/a	1
27.76	n/a	n/a	n/a	n/a	0

DELTA DH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	11.644	.0255	11.662	11.626	2
24.40	11.477	.2035	11.767	11.146	6
24.60	11.359	.1875	11.640	11.103	8
24.80	11.222	.1119	11.337	11.048	8
25.00	11.084	.1218	11.242	10.907	8
25.20	10.908	.1967	11.154	10.663	8
25.40	10.678	.2289	10.963	10.427	8
25.60	10.245	.2823	10.686	9.913	8
25.80	9.842	.1742	10.093	9.601	8
26.00	9.560	.1330	9.786	9.384	8
26.20	9.304	.1453	9.534	9.099	8
26.40	9.032	.1145	9.216	8.889	8
26.60	8.550	.0988	8.670	8.389	8
26.80	6.955	.1320	7.129	6.748	8
27.00	4.911	.0597	4.983	4.848	8
27.10	3.813	.0691	3.902	3.724	8
27.20	2.685	.0942	2.809	2.587	8
27.30	1.328	.1126	1.511	1.162	8
27.40	-0.256	.1709	.046	-0.563	8
27.50	-2.118	.2789	-1.539	-2.544	8
27.60	-4.309	.5433	-3.213	-4.620	6
27.70	-8.213	n/a	n/a	n/a	1
27.75	-12.641	n/a	n/a	n/a	1
27.76	n/a	n/a	n/a	n/a	0

ACC. POT.

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	12.863	.0374	12.889	12.836	2
24.40	12.862	.0991	12.994	12.742	6
24.60	12.776	.0951	12.906	12.654	8
24.80	12.692	.0924	12.814	12.564	8
25.00	12.600	.0861	12.716	12.472	8
25.20	12.497	.0782	12.603	12.367	8
25.40	12.383	.0720	12.478	12.245	8
25.60	12.240	.0643	12.303	12.102	8
25.80	12.069	.0627	12.141	11.942	8
26.00	11.866	.0566	11.934	11.766	8
26.20	11.640	.0492	11.695	11.562	8
26.40	11.389	.0453	11.443	11.302	8
26.60	11.106	.0462	11.168	11.010	8
26.80	10.699	.0456	10.758	10.602	8
27.00	10.038	.0461	10.083	9.933	8
27.10	9.585	.0411	9.633	9.499	8
27.20	9.032	.0351	9.084	8.965	8
27.30	8.368	.0229	8.404	8.334	8
27.40	7.551	.0089	7.568	7.536	8
27.50	6.527	.0314	6.574	6.462	8
27.60	5.274	.0305	5.332	5.253	6
27.70	3.577	n/a	n/a	n/a	1
27.75	2.804	n/a	n/a	n/a	1
27.76	n/a	n/a	n/a	n/a	0

OXYGEN

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	6.12	n/a	n/a	n/a	1
24.40	6.28	.092	6.35	6.22	2
24.60	6.40	.142	6.56	6.30	3
24.80	6.48	.247	6.75	6.27	3
25.00	6.56	.333	6.93	6.28	3
25.20	6.64	.411	7.09	6.29	3
25.40	6.67	.414	7.12	6.31	3
25.60	6.32	.592	6.99	5.87	3
25.80	5.97	.705	6.77	5.44	3
26.00	5.54	.633	6.25	5.03	3
26.20	5.12	.509	5.66	4.65	3
26.40	4.40	.597	5.08	3.98	3
26.60	3.60	.681	4.35	3.02	3
26.80	2.33	.227	2.57	2.12	3
27.00	1.14	.181	1.27	.93	3
27.10	.79	.166	.95	.62	3
27.20	.58	.110	.69	.47	3
27.30	.42	.051	.48	.38	3
27.40	.37	.006	.37	.36	3
27.50	.50	.015	.52	.49	3
27.60	.97	.057	1.02	.91	3
27.70	1.88	n/a	n/a	n/a	1
27.75	2.67	n/a	n/a	n/a	1
27.76	n/a	n/a	n/a	n/a	0

SOUND

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	1503	.7	1503	1502	2
24.40	1498	1.2	1499	1496	6
24.60	1495	1.0	1496	1493	8
24.80	1492	1.0	1493	1490	9
25.00	1488	1.0	1490	1487	9
25.20	1485	.9	1486	1483	9
25.40	1480	.5	1481	1480	9
25.60	1477	1.1	1479	1476	9
25.80	1476	2.1	1478	1473	9
26.00	1476	1.9	1478	1473	9
26.20	1475	1.4	1477	1473	9
26.40	1476	1.3	1478	1474	9
26.60	1477	.7	1478	1476	9
26.80	1475	.7	1476	1474	9
27.00	1474	.5	1475	1474	8
27.10	1475	.5	1476	1474	8
27.20	1476	.5	1476	1475	8
27.30	1477	.0	1477	1477	8
27.40	1479	.4	1479	1478	8
27.50	1482	.5	1482	1481	8
27.60	1486	.8	1486	1484	6
27.70	1496	n/a	n/a	n/a	1
27.75	1511	n/a	n/a	n/a	1
27.76	n/a	n/a	n/a	n/a	0

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TEMPERATURE

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	10.05	.375	10.33	9.50	4
25.20	9.06	.470	9.82	8.53	8
25.40	8.14	.477	8.87	7.62	8
25.60	7.25	.467	7.84	6.59	8
25.80	6.78	.391	7.20	6.30	8
26.00	6.64	.360	7.00	5.98	8
26.20	6.56	.394	6.97	5.77	8
26.40	6.52	.392	6.88	5.68	8
26.60	6.32	.338	6.59	5.61	8
26.80	5.26	.171	5.47	4.99	8
27.00	4.31	.099	4.48	4.14	8
27.10	3.98	.055	4.04	3.86	8
27.20	3.70	.039	3.74	3.65	8
27.30	3.39	.061	3.46	3.31	8
27.40	3.04	.047	3.11	2.99	8
27.50	2.65	.068	2.75	2.57	7
27.60	2.21	.067	2.33	2.16	5
27.70	1.75	n/a	n/a	n/a	1
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

SALINITY

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	32.492	.0578	32.540	32.408	4
25.20	32.551	.0854	32.692	32.452	8
25.40	32.622	.0839	32.756	32.518	8
25.60	32.710	.0875	32.832	32.590	8
25.80	32.881	.0644	32.956	32.805	8
26.00	33.114	.0621	33.179	33.004	8
26.20	33.355	.0664	33.420	33.222	8
26.40	33.599	.0639	33.656	33.463	8
26.60	33.818	.0544	33.862	33.705	8
26.80	33.905	.0254	33.936	33.865	8
27.00	34.024	.0142	34.047	34.001	8
27.10	34.107	.0040	34.116	34.093	8
27.20	34.196	.0021	34.203	34.190	8
27.30	34.285	.0075	34.293	34.275	8
27.40	34.369	.0075	34.378	34.363	8
27.50	34.453	.0057	34.462	34.444	7
27.60	34.533	.0078	34.542	34.529	5
27.70	34.609	n/a	n/a	n/a	1
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

DEPTH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	59	11.2	75	49	4
25.20	63	9.1	78	49	8
25.40	70	7.0	82	60	8
25.60	83	4.4	92	78	8
25.80	100	5.9	108	93	8
26.00	113	6.5	121	102	8
26.20	122	7.5	132	110	8
26.40	133	9.2	143	117	8
26.60	161	12.0	183	145	8
26.80	269	15.3	287	244	8
27.00	435	27.6	459	379	8
27.10	545	32.5	569	474	8
27.20	667	29.3	702	606	8
27.30	812	34.1	847	748	8
27.40	999	35.6	1027	940	8
27.50	1259	55.5	1320	1175	7
27.60	1626	99.1	1704	1459	5
27.70	2467	n/a	n/a	n/a	1
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

SVA

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	297.8	.27	298.1	297.5	4
25.20	278.6	.23	279.0	278.4	8
25.40	259.6	.21	259.9	259.4	8
25.60	240.7	.12	240.9	240.6	8
25.80	221.9	.07	222.0	221.8	8
26.00	203.0	.10	203.1	202.9	8
26.20	184.1	.11	184.3	184.0	8
26.40	165.4	.16	165.6	165.1	8
26.60	146.8	.23	147.2	146.4	8
26.80	128.7	.21	128.8	128.2	8
27.00	110.7	.32	111.0	110.0	8
27.10	101.9	.33	102.1	101.1	8
27.20	93.1	.26	93.4	92.5	8
27.30	84.3	.18	84.5	83.9	8
27.40	75.4	.14	75.5	75.2	8
27.50	66.6	.15	66.8	66.4	7
27.60	57.9	.34	58.1	57.3	5
27.70	49.5	n/a	n/a	n/a	1
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

THETA

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	10.05	.378	10.33	9.49	4
25.20	9.06	.470	9.82	8.52	8
25.40	8.13	.476	8.86	7.61	8
25.60	7.24	.467	7.83	6.58	8
25.80	6.77	.391	7.19	6.29	8
26.00	6.63	.360	6.99	5.97	8
26.20	6.55	.394	6.96	5.76	8
26.40	6.51	.391	6.86	5.67	8
26.60	6.31	.337	6.58	5.60	8
26.80	5.23	.170	5.45	4.97	8
27.00	4.27	.100	4.45	4.11	8
27.10	3.94	.051	4.00	3.83	8
27.20	3.65	.039	3.69	3.60	8
27.30	3.34	.063	3.41	3.25	8
27.40	2.97	.049	3.05	2.92	8
27.50	2.56	.073	2.67	2.48	7
27.60	2.10	.074	2.23	2.04	5
27.70	1.58	n/a	n/a	n/a	1
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

SVA (THETA)

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	295.7	1.72	296.6	293.1	4
25.20	276.1	1.54	277.5	273.3	8
25.40	257.5	.87	258.4	256.1	8
25.60	238.9	.63	239.5	237.7	8
25.80	220.1	.30	220.4	219.8	8
26.00	201.0	.36	201.4	200.5	8
26.20	182.0	.47	182.4	181.0	8
26.40	163.3	.27	163.4	162.6	8
26.60	144.4	.04	144.4	144.3	8
26.80	125.4	.05	125.4	125.3	8
27.00	106.2	.09	106.3	106.1	8
27.10	96.7	.06	96.8	96.6	8
27.20	87.2	.06	87.3	87.1	8
27.30	77.7	.05	77.7	77.6	8
27.40	68.1	.04	68.2	68.1	8
27.50	58.4	.13	58.6	58.3	7
27.60	48.7	.16	49.0	48.6	5
27.70	39.1	n/a	n/a	n/a	1
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

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DELTA D

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	1.795	.3192	2.240	1.480	4
25.20	1.896	.2704	2.340	1.460	8
25.40	2.088	.2174	2.450	1.740	8
25.60	2.412	.1402	2.690	2.280	8
25.80	2.815	.1388	3.010	2.630	8
26.00	3.084	.1299	3.180	2.820	8
26.20	3.259	.1432	3.390	2.960	8
26.40	3.451	.1707	3.610	3.090	8
26.60	3.889	.2061	4.240	3.520	8
26.80	5.371	.2136	5.680	5.050	8
27.00	7.359	.3492	7.740	6.660	8
27.10	8.537	.4020	8.840	7.680	8
27.20	9.740	.3761	10.130	8.960	8
27.30	11.039	.4207	11.450	10.220	8
27.40	12.546	.4315	12.920	11.760	8
27.50	14.380	.5843	15.050	13.420	7
27.60	16.696	.8998	17.470	15.180	5
27.70	21.540	n/a	n/a	n/a	1
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

POT. ENERGY

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	.55	.210	.86	.38	4
25.20	.62	.175	.93	.37	8
25.40	.75	.156	1.03	.53	8
25.60	1.01	.116	1.24	.90	8
25.80	1.39	.142	1.56	1.20	8
26.00	1.68	.160	1.85	1.39	8
26.20	1.89	.188	2.12	1.55	8
26.40	2.15	.240	2.38	1.70	8
26.60	2.81	.354	3.43	2.27	8
26.80	6.07	.575	6.88	5.11	8
27.00	13.25	1.510	14.73	10.25	8
27.10	19.20	2.093	20.81	14.70	8
27.20	26.66	2.340	29.28	21.80	8
27.30	36.54	3.068	39.37	30.58	8
27.40	50.54	3.681	53.27	43.89	8
27.50	72.07	6.352	78.92	61.96	7
27.60	106.50	12.359	116.48	85.83	5
27.70	203.96	n/a	n/a	n/a	1
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

DELTA DH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	10.622	.2851	10.972	10.375	4
25.20	10.580	.2814	11.089	10.178	8
25.40	10.388	.2385	10.809	9.987	8
25.60	10.062	.2241	10.273	9.588	8
25.80	9.661	.2503	10.038	9.215	8
26.00	9.392	.2293	9.641	8.949	8
26.20	9.217	.2316	9.494	8.771	8
26.40	9.025	.2528	9.363	8.590	8
26.60	8.587	.2026	8.935	8.321	8
26.80	7.104	.1057	7.245	6.962	8
27.00	5.117	.1990	5.472	4.919	8
27.10	3.936	.2403	4.455	3.724	8
27.20	2.735	.2158	3.175	2.451	8
27.30	1.436	.2566	1.913	1.167	8
27.40	-0.068	.2683	.377	-0.277	8
27.50	-1.925	.4231	-1.285	-2.386	7
27.60	-4.239	.7083	-3.049	-4.801	5
27.70	-8.880	n/a	n/a	n/a	1
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

ACC. POT.

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	12.382	.2146	12.612	12.097	4
25.20	12.350	.1864	12.572	11.980	8
25.40	12.222	.1832	12.433	11.851	8
25.60	12.080	.1829	12.279	11.700	8
25.80	11.903	.1846	12.110	11.518	8
26.00	11.700	.1867	11.910	11.307	8
26.20	11.477	.1867	11.678	11.080	8
26.40	11.237	.1883	11.425	10.833	8
26.60	10.970	.1870	11.132	10.567	8
26.80	10.595	.1666	10.707	10.234	8
27.00	9.967	.1342	10.055	9.672	8
27.10	9.530	.1101	9.617	9.292	8
27.20	8.995	.0780	9.063	8.829	8
27.30	8.341	.0481	8.381	8.243	8
27.40	7.540	.0141	7.553	7.517	8
27.50	6.552	.0313	6.599	6.520	7
27.60	5.277	.0789	5.405	5.205	5
27.70	3.496	n/a	n/a	n/a	1
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

OXYGEN

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	6.40	n/a	n/a	n/a	1
25.20	6.50	.144	6.67	6.42	3
25.40	6.58	.228	6.84	6.44	3
25.60	6.53	.263	6.81	6.29	3
25.80	6.24	.239	6.51	6.07	3
26.00	5.63	.455	6.08	5.17	3
26.20	5.11	.535	5.65	4.58	3
26.40	4.63	.576	5.23	4.08	3
26.60	4.10	.557	4.60	3.50	3
26.80	2.36	.710	3.13	1.73	3
27.00	1.20	.169	1.39	1.08	3
27.10	.82	.111	.92	.70	3
27.20	.58	.104	.70	.52	3
27.30	.44	.104	.56	.37	3
27.40	.42	.113	.50	.34	2
27.50	.51	.092	.58	.45	2
27.60	1.02	.099	1.09	.95	2
27.70	1.89	n/a	n/a	n/a	1
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

SOUND

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	1488	1.5	1489	1486	4
25.20	1485	2.0	1488	1483	8
25.40	1482	2.3	1485	1479	8
25.60	1478	1.9	1481	1476	8
25.80	1477	1.8	1479	1475	8
26.00	1477	1.4	1478	1474	8
26.20	1477	1.6	1479	1474	8
26.40	1478	1.6	1479	1474	8
26.60	1478	1.6	1479	1474	8
26.80	1475	1.0	1476	1473	8
27.00	1474	.9	1475	1472	8
27.10	1475	.7	1475	1473	8
27.20	1476	.7	1476	1474	8
27.30	1477	.5	1477	1476	8
27.40	1479	.5	1479	1478	8
27.50	1481	.8	1482	1480	7
27.60	1486	1.7	1487	1483	5
27.70	1498	n/a	n/a	n/a	1
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

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TEMPERATURE

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	9.83	.257	10.22	9.59	4
25.20	9.05	.366	9.85	8.59	10
25.40	8.27	.389	9.19	7.91	13
25.60	7.47	.463	8.47	6.98	13
25.80	6.74	.571	7.89	6.22	13
26.00	6.40	.483	7.16	5.69	13
26.20	6.42	.435	7.01	5.80	12
26.40	6.41	.368	7.00	5.73	12
26.60	6.26	.319	6.63	5.52	12
26.80	5.16	.230	5.60	4.67	12
27.00	4.17	.092	4.25	3.94	10
27.10	3.92	.077	4.03	3.76	10
27.20	3.67	.053	3.73	3.56	10
27.30	3.39	.031	3.45	3.34	10
27.40	3.03	.037	3.08	2.98	10
27.50	2.63	.058	2.74	2.58	9
27.60	2.15	.012	2.16	2.14	3
27.70	1.79	n/a	n/a	n/a	1
27.75	1.58	n/a	n/a	n/a	1
27.76	n/a	n/a	n/a	n/a	0

SALINITY

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	32.434	.0545	32.515	32.404	4
25.20	32.532	.0726	32.697	32.453	10
25.40	32.645	.0676	32.816	32.584	13
25.60	32.753	.0768	32.927	32.682	13
25.80	32.874	.0971	33.071	32.784	13
26.00	33.073	.0788	33.198	32.956	13
26.20	33.326	.0715	33.426	33.227	12
26.40	33.581	.0612	33.682	33.470	12
26.60	33.808	.0507	33.868	33.691	12
26.80	33.890	.0338	33.956	33.820	12
27.00	34.005	.0119	34.017	33.975	10
27.10	34.099	.0106	34.114	34.079	10
27.20	34.192	.0049	34.202	34.179	10
27.30	34.284	.0026	34.292	34.279	10
27.40	34.368	.0021	34.373	34.363	10
27.50	34.450	.0058	34.460	34.445	9
27.60	34.528	.0055	34.529	34.527	3
27.70	34.614	n/a	n/a	n/a	1
27.75	34.657	n/a	n/a	n/a	1
27.76	n/a	n/a	n/a	n/a	0

DEPTH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	49	21.8	73	20	4
25.20	61	22.3	78	1	10
25.40	73	9.7	84	59	13
25.60	80	11.0	91	64	13
25.80	94	8.4	104	74	13
26.00	111	5.4	120	101	13
26.20	125	7.8	136	108	12
26.40	139	9.3	156	120	12
26.60	173	14.6	195	146	12
26.80	272	17.7	295	251	12
27.00	433	22.2	463	396	10
27.10	538	19.3	570	508	10
27.20	658	17.0	679	629	10
27.30	804	19.0	824	764	10
27.40	1005	28.6	1039	965	10
27.50	1257	41.0	1314	1191	9
27.60	1706	17.2	1726	1694	3
27.70	2329	n/a	n/a	n/a	1
27.75	3330	n/a	n/a	n/a	1
27.76	n/a	n/a	n/a	n/a	0

SVA

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	297.6	.37	298.0	297.1	4
25.20	278.6	.39	278.9	277.6	10
25.40	259.7	.15	259.9	259.5	13
25.60	240.7	.15	240.9	240.5	13
25.80	221.8	.17	222.1	221.5	13
26.00	203.0	.13	203.2	202.8	13
26.20	184.2	.16	184.5	184.0	12
26.40	165.4	.18	165.7	165.2	12
26.60	146.9	.28	147.4	146.6	12
26.80	128.6	.26	129.1	128.2	12
27.00	110.5	.24	110.8	110.1	10
27.10	101.7	.24	102.0	101.3	10
27.20	92.9	.18	93.1	92.6	10
27.30	84.2	.11	84.3	84.0	10
27.40	75.4	.11	75.6	75.3	10
27.50	66.6	.14	66.8	66.3	9
27.60	58.0	.06	58.1	58.0	3
27.70	49.5	n/a	n/a	n/a	1
27.75	46.7	n/a	n/a	n/a	1
27.76	n/a	n/a	n/a	n/a	0

THETA

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	9.83	.260	10.22	9.59	4
25.20	9.04	.367	9.85	8.59	10
25.40	8.26	.391	9.19	7.90	13
25.60	7.46	.463	8.46	6.97	13
25.80	6.73	.570	7.88	6.21	13
26.00	6.39	.483	7.15	5.68	13
26.20	6.41	.434	7.00	5.79	12
26.40	6.40	.368	6.99	5.72	12
26.60	6.25	.317	6.61	5.51	12
26.80	5.14	.229	5.57	4.65	12
27.00	4.14	.092	4.22	3.91	10
27.10	3.88	.074	3.99	3.73	10
27.20	3.62	.054	3.68	3.51	10
27.30	3.33	.030	3.39	3.28	10
27.40	2.96	.039	3.01	2.91	10
27.50	2.54	.058	2.65	2.49	9
27.60	2.03	.012	2.04	2.02	3
27.70	1.62	n/a	n/a	n/a	1
27.75	1.32	n/a	n/a	n/a	1
27.76	n/a	n/a	n/a	n/a	0

SVA (THETA)

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	296.5	.05	296.6	296.5	4
25.20	277.2	.35	277.5	276.5	10
25.40	257.5	1.08	258.5	255.8	13
25.60	238.6	.97	239.4	236.6	13
25.80	220.3	.21	220.5	219.9	13
26.00	201.1	.31	201.4	200.5	13
26.20	182.4	.05	182.4	182.3	12
26.40	163.3	.16	163.4	162.9	12
26.60	144.4	.00	144.4	144.3	12
26.80	125.4	.05	125.4	125.3	12
27.00	106.3	.10	106.4	106.1	10
27.10	96.8	.08	96.8	96.6	10
27.20	87.2	.06	87.3	87.1	10
27.30	77.7	.04	77.7	77.6	10
27.40	68.1	.08	68.2	68.0	10
27.50	58.5	.12	58.6	58.3	9
27.60	48.6	.01	48.6	48.6	3
27.70	39.1	n/a	n/a	n/a	1
27.75	33.8	n/a	n/a	n/a	1
27.76	n/a	n/a	n/a	n/a	0

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DELTA D

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	1.488	.6677	2.220	.600	4
25.20	1.782	.6499	2.380	.030	10
25.40	2.073	.2821	2.520	1.550	13
25.60	2.270	.2961	2.690	1.690	13
25.80	2.578	.2613	3.000	1.920	13
26.00	2.951	.1714	3.230	2.700	13
26.20	3.221	.2005	3.590	2.850	12
26.40	3.462	.2232	3.840	3.060	12
26.60	3.987	.2995	4.580	3.450	12
26.80	5.351	.3264	5.880	4.950	12
27.00	7.254	.3627	7.740	6.690	10
27.10	8.370	.3452	8.950	7.820	10
27.20	9.552	.3100	10.020	9.080	10
27.30	10.856	.3051	11.320	10.420	10
27.40	12.474	.3860	12.960	11.920	10
27.50	14.300	.4621	14.880	13.570	9
27.60	17.300	.0359	17.330	17.260	3
27.70	20.660	n/a	n/a	n/a	1
27.75	25.500	n/a	n/a	n/a	1
27.76	n/a	n/a	n/a	n/a	0

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
.43	.315	.83	.06	4
.62	.265	.95	.00	10
.78	.202	1.07	.47	13
.94	.235	1.22	.55	13
1.21	.217	1.53	.72	13
1.60	.150	1.79	1.30	13
1.92	.213	2.24	1.45	12
2.25	.269	2.75	1.70	12
3.10	.470	3.90	2.23	12
6.21	.778	7.22	5.30	12
13.14	1.309	14.93	11.10	10
18.69	1.413	21.07	16.66	10
25.94	1.471	27.95	23.62	10
35.73	1.803	37.99	32.18	10
50.78	2.931	54.32	46.54	10
71.84	4.514	78.01	64.47	9
115.84	1.475	117.53	114.83	3
185.17	n/a	n/a	n/a	1
326.60	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0

DELTA DH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	11.033	.5098	11.608	10.657	3
25.20	10.695	.6510	12.253	10.215	8
25.40	10.348	.1810	10.598	10.037	10
25.60	10.172	.1819	10.461	9.913	10
25.80	9.839	.1695	10.121	9.636	10
26.00	9.427	.1375	9.577	9.194	10
26.20	9.169	.1709	9.367	8.892	10
26.40	8.935	.1748	9.155	8.706	10
26.60	8.458	.1466	8.762	8.260	10
26.80	7.093	.1535	7.263	6.852	10
27.00	5.110	.1794	5.397	4.848	10
27.10	3.994	.1508	4.207	3.724	10
27.20	2.812	.1260	3.005	2.652	10
27.30	1.508	.1433	1.808	1.351	10
27.40	-0.111	.2183	.191	-0.377	10
27.50	-1.918	.3058	-1.427	-2.344	9
27.60	-4.778	.0839	-4.725	-4.875	3
27.70	-8.126	n/a	n/a	n/a	1
27.75	-12.965	n/a	n/a	n/a	1
27.76	n/a	n/a	n/a	n/a	0

ACC. POT.

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
12.255	.0883	12.357	12.194	3
12.317	.1967	12.577	12.085	8
12.188	.1800	12.443	11.966	10
12.046	.1657	12.297	11.840	10
11.889	.1529	12.138	11.695	10
11.696	.1469	11.942	11.498	10
11.473	.1406	11.701	11.272	10
11.227	.1362	11.428	11.023	10
10.948	.1307	11.113	10.741	10
10.566	.1100	10.699	10.379	10
9.937	.0825	10.046	9.792	10
9.508	.0632	9.591	9.393	10
8.979	.0477	9.026	8.887	10
8.336	.0295	8.366	8.280	10
7.543	.0105	7.555	7.528	10
6.533	.0198	6.563	6.507	9
5.241	.0290	5.273	5.216	3
3.545	n/a	n/a	n/a	1
2.819	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0

OXYGEN

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
23.60	n/a	n/a	n/a	n/a	0
23.80	n/a	n/a	n/a	n/a	0
24.00	n/a	n/a	n/a	n/a	0
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	6.53	n/a	n/a	n/a	1
25.40	6.57	n/a	n/a	n/a	1
25.60	6.61	n/a	n/a	n/a	1
25.80	6.57	n/a	n/a	n/a	1
26.00	5.79	n/a	n/a	n/a	1
26.20	5.08	n/a	n/a	n/a	1
26.40	4.61	n/a	n/a	n/a	1
26.60	4.36	n/a	n/a	n/a	1
26.80	2.69	n/a	n/a	n/a	1
27.00	1.45	n/a	n/a	n/a	1
27.10	.87	n/a	n/a	n/a	1
27.20	.55	n/a	n/a	n/a	1
27.30	.39	n/a	n/a	n/a	1
27.40	.34	n/a	n/a	n/a	1
27.50	.50	n/a	n/a	n/a	1
27.60	.95	n/a	n/a	n/a	1
27.70	1.77	n/a	n/a	n/a	1
27.75	2.72	n/a	n/a	n/a	1
27.76	n/a	n/a	n/a	n/a	0

SOUND

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
1487	.5	1488	1487	4
1485	1.6	1488	1482	10
1482	1.6	1486	1481	13
1479	1.7	1483	1477	13
1477	2.3	1481	1475	13
1476	2.0	1479	1473	13
1477	1.8	1479	1474	12
1477	1.7	1480	1474	13
1477	1.5	1479	1474	12
1475	1.2	1477	1472	12
1473	.7	1474	1472	10
1474	.7	1475	1473	10
1475	.6	1476	1474	10
1477	.5	1477	1476	10
1479	.5	1479	1478	10
1481	.6	1482	1480	9
1487	.0	1487	1487	3
1496	n/a	n/a	n/a	1
1512	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0

Table 12. As in Table 4, for Station 9 (P18).

Table 12: STATION MP18 A L L D A T A (JANUARY-DECEMBER) 1956 to 1990

TEMPERATURE

PRESS	MEAN	S.D.	MAX	MIN	N
0	9.87	3.088	16.60	5.29	193
10	9.82	3.088	16.40	5.27	193
20	9.60	2.941	16.42	5.27	193
30	9.08	2.535	15.56	5.25	193
50	7.70	1.358	12.90	5.25	193
75	6.89	.880	10.14	5.20	193
100	6.33	.692	8.50	4.97	193
125	6.04	.557	7.88	4.89	192
150	5.95	.541	7.88	4.75	192
175	5.81	.534	7.90	4.64	192
200	5.59	.531	7.76	4.45	192
225	5.34	.504	7.67	4.23	192
250	5.11	.494	7.57	4.04	192
300	4.74	.435	7.13	3.80	190
400	4.28	.299	5.87	3.66	182
500	4.03	.205	5.12	3.65	173
600	3.80	.145	4.41	3.50	173
700	3.59	.121	4.14	3.34	171
800	3.40	.100	3.80	3.19	171
900	3.21	.084	3.53	3.02	170
1000	3.04	.072	3.31	2.86	170
1200	2.73	.056	2.93	2.61	164
1500	2.36	.039	2.48	2.28	116
2000	1.94	.021	2.00	1.89	62
2500	1.72	.019	1.76	1.69	38
3000	1.60	.016	1.65	1.57	34
3500	1.55	.017	1.59	1.51	32

SALINITY

MEAN	S.D.	MAX	MIN	N
32.526	.1135	32.836	32.030	193
32.521	.1089	32.767	32.027	193
32.524	.1093	32.764	32.051	193
32.536	.0955	32.764	32.276	193
32.570	.0932	32.862	32.340	193
32.622	.1128	33.155	32.400	193
32.794	.2272	33.697	32.460	193
33.210	.2635	33.834	32.585	192
33.590	.1639	33.879	32.813	192
33.757	.0876	33.941	33.381	192
33.819	.0505	33.960	33.591	192
33.844	.0393	33.960	33.694	192
33.864	.0349	33.969	33.750	192
33.901	.0297	33.982	33.799	190
33.990	.0271	34.086	33.888	182
34.081	.0280	34.166	33.960	173
34.161	.0257	34.233	34.051	173
34.228	.0243	34.296	34.128	171
34.284	.0236	34.347	34.184	171
34.330	.0229	34.386	34.228	170
34.370	.0225	34.425	34.267	170
34.432	.0201	34.485	34.330	164
34.504	.0174	34.567	34.454	116
34.586	.0109	34.607	34.563	62
34.629	.0091	34.645	34.611	38
34.653	.0102	34.673	34.630	34
34.670	.0080	34.690	34.652	32

SIGMA T

PRESS	MEAN	S.D.	MAX	MIN	N
0	25.019	.5796	25.829	23.566	193
10	25.023	.5782	25.829	23.605	193
20	25.065	.5492	25.829	23.602	193
30	25.169	.4572	25.829	23.818	193
50	25.424	.2270	25.850	24.434	193
75	25.583	.1574	25.922	25.061	193
100	25.791	.2003	26.519	25.357	193
125	26.156	.2063	26.633	25.614	192
150	26.466	.1413	26.694	25.728	192
175	26.615	.0900	26.767	26.140	192
200	26.692	.0671	26.816	26.385	192
225	26.742	.0580	26.864	26.429	192
250	26.783	.0544	26.906	26.461	192
300	26.856	.0483	26.975	26.563	190
400	26.977	.0412	27.097	26.763	182
500	27.075	.0368	27.180	26.887	173
600	27.162	.0298	27.244	27.035	173
700	27.235	.0267	27.309	27.102	171
800	27.299	.0240	27.362	27.202	171
900	27.354	.0219	27.400	27.267	170
1000	27.402	.0207	27.450	27.314	170
1200	27.479	.0182	27.528	27.388	164
1500	27.568	.0151	27.622	27.528	116
2000	27.667	.0090	27.683	27.648	62
2500	27.718	.0076	27.732	27.702	38
3000	27.747	.0080	27.763	27.727	34
3500	27.763	.0071	27.782	27.749	32

SVA

MEAN	S.D.	MAX	MIN	N
294.9	55.19	433.3	217.8	193
294.7	55.10	429.9	217.9	193
290.9	52.39	430.5	218.0	193
281.1	43.65	410.1	218.1	193
257.1	21.72	351.8	216.3	193
242.2	15.07	292.3	210.1	193
222.7	19.06	264.4	153.6	193
188.3	19.57	240.0	143.2	192
159.1	13.45	229.4	137.6	192
145.3	8.65	190.9	130.6	192
138.3	6.55	167.9	126.2	192
133.7	5.71	164.5	121.7	192
129.9	5.39	161.8	117.9	192
123.4	4.84	152.7	111.7	190
112.5	4.12	134.2	100.8	182
103.8	3.65	122.8	93.6	173
96.2	2.96	109.0	88.1	173
89.8	2.65	103.2	82.6	171
84.2	2.38	94.1	78.1	171
79.4	2.17	87.7	74.9	170
75.2	2.03	83.5	70.4	170
68.4	1.78	77.1	63.6	164
60.5	1.45	64.3	55.3	116
51.8	.89	53.6	50.1	62
47.6	.74	49.2	46.2	38
45.7	.75	47.6	44.2	34
45.4	.71	46.7	43.3	32

THETA

PRESS	MEAN	S.D.	MAX	MIN	N
0	9.87	3.088	16.60	5.29	193
10	9.82	3.088	16.40	5.27	193
20	9.60	2.941	16.42	5.27	193
30	9.08	2.535	15.56	5.25	193
50	7.70	1.355	12.89	5.25	193
75	6.88	.880	10.13	5.19	193
100	6.33	.692	8.49	4.96	192
125	6.03	.556	7.87	4.88	192
150	5.94	.541	7.86	4.74	192
175	5.80	.533	7.79	4.62	192
200	5.57	.529	7.74	4.43	192
225	5.32	.503	7.65	4.21	192
250	5.09	.494	7.55	4.02	192
300	4.71	.433	7.10	3.78	190
400	4.25	.298	5.84	3.64	182
500	3.99	.205	5.08	3.62	173
600	3.76	.144	4.37	3.46	173
700	3.54	.120	4.09	3.29	171
800	3.34	.099	3.74	3.14	171
900	3.15	.083	3.46	2.96	170
1000	2.97	.071	3.24	2.80	170
1200	2.65	.055	2.84	2.53	164
1500	2.26	.039	2.38	2.18	116
2000	1.80	.021	1.86	1.76	62
2500	1.54	.019	1.58	1.51	38
3000	1.37	.016	1.42	1.35	34
3500	1.28	.016	1.31	1.24	32

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
294.9	55.19	433.3	217.8	193
294.5	55.05	429.6	217.8	193
290.5	52.27	429.8	217.8	193
280.5	43.50	409.2	217.8	193
256.3	21.58	350.3	215.8	193
241.1	14.95	290.7	208.9	193
221.4	19.02	262.6	152.2	193
186.7	19.59	238.1	141.4	192
157.1	13.40	227.2	135.6	192
143.0	8.53	188.1	128.6	192
135.7	6.36	164.8	124.0	192
131.0	5.49	160.5	119.4	192
127.0	5.14	157.4	115.4	192
120.1	4.57	147.8	108.8	190
108.6	3.89	128.7	97.2	182
99.2	3.47	116.9	89.3	173
90.9	2.81	102.9	83.1	173
83.9	2.52	96.5	76.9	171
77.8	2.26	87.0	71.8	171
72.6	2.08	80.8	68.2	170
68.0	1.96	76.3	63.5	170
60.6	1.72	69.2	55.9	164
52.1	1.42	55.8	46.9	116
42.5	.87	44.2	40.9	62
37.4	.73	38.9	36.1	38
34.4	.77	36.3	32.9	34
32.6	.70	33.9	30.8	32

STATION MP18 A L L D A T A (JANUARY-DECEMBER) 1956 to 1990

DELTA D

PRESS	MEAN	S.D.	MAX	MIN	N
0	.000	.0000	.000	.000	193
10	.295	.0554	.430	.220	193
20	.590	.1103	.870	.440	193
30	.877	.1573	1.290	.650	193
50	1.415	.2085	1.990	1.090	193
75	2.040	.2284	2.660	1.640	193
100	2.619	.2338	3.250	2.170	193
125	3.137	.2387	3.790	2.680	192
150	3.568	.2521	4.250	3.060	192
175	3.946	.2637	4.670	3.400	192
200	4.300	.2712	5.070	3.720	192
225	4.639	.2775	5.440	4.030	192
250	4.969	.2833	5.790	4.330	192
300	5.601	.2939	6.470	4.900	190
400	6.774	.3188	7.720	5.960	182
500	7.852	.3439	8.910	6.940	173
600	8.851	.3647	10.020	7.850	173
700	9.786	.3827	11.050	8.700	171
800	10.655	.4001	12.000	9.500	171
900	11.473	.4171	12.910	10.270	170
1000	12.246	.4318	13.760	11.000	170
1200	13.675	.4616	15.330	12.360	164
1500	15.584	.4726	17.080	14.200	116
2000	18.489	.4686	20.000	17.370	62
2500	20.904	.4602	21.920	19.830	38
3000	23.196	.4686	24.260	22.120	34
3500	25.491	.4349	26.550	24.950	32

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.00	.000	.00	.00	193
.01	.005	.02	.01	193
.06	.012	.09	.04	193
.13	.023	.20	.10	193
.35	.045	.48	.28	193
.75	.062	.93	.63	193
1.27	.077	1.51	1.09	193
1.86	.107	2.17	1.60	192
2.46	.149	2.84	2.09	192
3.09	.183	3.65	2.65	192
3.76	.207	4.50	3.25	192
4.50	.230	5.38	3.97	192
5.30	.253	6.30	4.73	192
7.07	.303	8.30	6.33	190
11.26	.430	12.94	10.13	182
16.21	.594	18.82	14.60	173
21.81	.762	25.24	19.70	173
27.97	.935	32.52	25.35	171
34.61	1.107	39.74	31.48	171
41.70	1.289	47.57	38.10	170
49.18	1.471	55.75	45.20	170
65.23	1.868	73.06	60.46	164
91.76	2.345	101.23	85.71	116
142.31	3.677	152.91	136.66	62
198.90	3.081	204.27	192.72	38
264.26	3.956	271.53	255.99	34
340.01	4.650	348.29	328.56	32

OXYGEN

PRESS	MEAN	S.D.	MAX	MIN	N
0	6.58	.452	7.17	5.24	29
10	6.61	.438	7.17	5.85	29
20	6.65	.430	7.18	5.80	29
30	6.80	.360	7.44	6.01	29
50	6.91	.240	7.28	6.37	29
75	6.79	.410	7.32	5.29	29
100	6.37	.849	7.19	2.89	29
125	5.30	.914	7.00	2.43	29
150	4.50	.836	6.04	2.35	29
175	3.98	.667	5.44	2.27	29
200	3.65	.551	4.99	2.25	29
225	3.33	.497	4.69	2.24	29
250	3.03	.478	4.42	2.14	29
300	2.40	.343	3.24	1.76	29
400	1.63	.204	2.01	1.22	28
500	1.08	.154	1.47	.82	27
600	.78	.152	1.33	.55	27
700	.62	.137	1.17	.42	27
800	.51	.140	1.11	.31	27
900	.48	.158	1.19	.27	27
1000	.45	.166	1.18	.25	27
1200	.50	.157	1.02	.31	27
1500	.73	.202	1.57	.53	25
2000	1.39	.202	2.17	1.19	19
2500	1.99	.115	2.29	1.77	14
3000	2.53	.137	2.93	2.37	13
3500	2.85	.089	3.04	2.74	12

SOUND

MEAN	S.D.	MAX	MIN	N
1486	11.1	1509	1469	193
1486	11.0	1509	1469	193
1486	10.6	1509	1469	193
1484	9.2	1506	1469	193
1479	5.2	1498	1470	193
1477	3.5	1489	1470	193
1475	2.8	1483	1470	193
1475	2.4	1483	1470	192
1475	2.2	1483	1471	192
1476	2.5	1483	1471	192
1475	2.2	1484	1470	192
1475	2.1	1484	1470	192
1474	2.1	1484	1469	192
1473	1.8	1483	1469	190
1473	1.3	1480	1471	182
1474	.9	1478	1472	173
1475	.7	1477	1473	173
1476	.6	1478	1475	171
1476	.5	1478	1476	171
1477	.5	1479	1477	170
1478	.4	1479	1478	170
1480	.4	1481	1480	164
1484	.0	1484	1484	116
1490	.5	1491	1490	62
1498	.0	1498	1498	38
1506	.0	1506	1506	34
1514	.0	1514	1514	32

DELTA DH

PRESS	MEAN	S.D.	MAX	MIN	N
0	12.246	.4318	13.762	11.001	170
10	11.951	.4049	13.452	10.756	170
20	11.657	.3835	13.143	10.516	170
30	11.368	.3673	12.834	10.289	170
50	10.829	.3506	12.269	9.857	170
75	10.203	.3384	11.601	9.318	170
100	9.624	.3238	10.974	8.798	170
125	9.110	.3067	10.531	8.319	170
150	8.680	.2875	10.097	7.939	170
175	8.303	.2703	9.672	7.604	170
200	7.949	.2556	9.253	7.285	170
225	7.610	.2421	8.839	6.974	170
250	7.281	.2293	8.431	6.675	170
300	6.648	.2053	7.644	6.104	170
400	5.470	.1636	6.222	5.037	170
500	4.389	.1261	4.936	4.063	170
600	3.389	.0945	3.787	3.153	170
700	2.460	.0674	2.733	2.299	170
800	1.590	.0433	1.758	1.497	170
900	.773	.0212	.858	.722	170
1000	.000	.0000	.000	.000	170
1200	-1.433	.0383	-1.336	-1.605	164
1500	-3.364	.0784	-3.115	-3.610	116
2000	-6.195	.1041	-5.974	-6.523	62
2500	-8.671	.1309	-8.379	-8.937	38
3000	-11.003	.1645	-10.637	-11.324	34
3500	-13.291	.1861	-12.828	-13.648	32

Table 13. As in Table 5, for Station 9 (P18).

Table 13: STATION MP18 J A N U A R Y 1956 to 1990

TEMPERATURE

PRESS	MEAN	S.D.	MAX	MIN	N
0	7.75	.582	8.59	6.93	13
10	7.76	.578	8.59	6.94	13
20	7.74	.571	8.59	6.93	13
30	7.72	.553	8.58	6.94	13
50	7.70	.542	8.58	6.95	13
75	7.48	.690	8.57	6.00	13
100	6.52	.987	8.50	5.24	13
125	5.90	.604	6.97	4.89	13
150	5.86	.443	6.54	5.02	13
175	5.75	.407	6.38	4.90	13
200	5.57	.419	6.16	4.60	13
225	5.33	.379	5.94	4.49	13
250	5.09	.365	5.69	4.27	13
300	4.70	.264	5.15	4.13	13
400	4.22	.202	4.48	3.79	12
500	3.95	.145	4.13	3.66	11
600	3.73	.098	3.90	3.57	11
700	3.53	.082	3.72	3.43	11
800	3.35	.093	3.59	3.24	11
900	3.17	.087	3.38	3.07	10
1000	3.01	.076	3.18	2.93	10
1200	2.71	.042	2.79	2.65	9
1500	2.35	.023	2.38	2.33	5
2000	1.93	.000	1.93	1.93	2
2500	1.69	n/a	n/a	n/a	1
3000	1.58	n/a	n/a	n/a	1
3500	1.56	n/a	n/a	n/a	1

SALINITY

MEAN	S.D.	MAX	MIN	N
32.504	.0990	32.766	32.400	13
32.506	.0874	32.720	32.400	13
32.512	.0888	32.723	32.400	13
32.514	.0884	32.724	32.400	13
32.519	.0898	32.729	32.400	13
32.566	.1103	32.796	32.460	13
32.839	.1890	33.200	32.620	13
33.275	.2541	33.648	32.780	13
33.580	.1676	33.776	33.210	13
33.749	.0929	33.842	33.517	13
33.812	.0458	33.867	33.718	13
33.852	.0314	33.899	33.798	13
33.876	.0283	33.919	33.819	13
33.909	.0220	33.940	33.857	13
33.992	.0232	34.022	33.939	12
34.089	.0300	34.154	34.051	11
34.166	.0227	34.209	34.137	11
34.231	.0232	34.284	34.200	11
34.286	.0181	34.324	34.260	11
34.334	.0230	34.367	34.287	10
34.372	.0265	34.417	34.321	10
34.435	.0134	34.460	34.420	9
34.511	.0062	34.517	34.499	5
34.589	.0074	34.593	34.585	2
34.638	n/a	n/a	n/a	1
34.660	n/a	n/a	n/a	1
34.674	n/a	n/a	n/a	1

SIGMA T

PRESS	MEAN	S.D.	MAX	MIN	N
0	25.374	.1073	25.545	25.237	13
10	25.374	.0951	25.501	25.246	13
20	25.381	.0931	25.504	25.249	13
30	25.386	.0895	25.506	25.249	13
50	25.393	.0879	25.510	25.249	13
75	25.460	.1414	25.837	25.297	13
100	25.801	.2259	26.123	25.357	13
125	26.224	.2042	26.512	25.927	13
150	26.470	.1434	26.646	26.242	13
175	26.618	.0770	26.716	26.475	13
200	26.689	.0504	26.760	26.623	13
225	26.749	.0344	26.803	26.683	13
250	26.797	.0322	26.857	26.728	13
300	26.867	.0309	26.928	26.809	13
400	26.985	.0291	27.047	26.948	12
500	27.090	.0278	27.140	27.048	11
600	27.173	.0213	27.213	27.141	11
700	27.244	.0218	27.296	27.212	11
800	27.305	.0185	27.346	27.283	11
900	27.360	.0208	27.396	27.325	10
1000	27.406	.0212	27.437	27.366	10
1200	27.483	.0098	27.496	27.470	9
1500	27.574	.0069	27.581	27.565	5
2000	27.670	.0020	27.673	27.667	2
2500	27.728	n/a	n/a	n/a	1
3000	27.754	n/a	n/a	n/a	1
3500	27.766	n/a	n/a	n/a	1

SVA

MEAN	S.D.	MAX	MIN	N
261.1	10.19	274.1	244.9	13
261.2	9.06	273.4	249.1	13
260.7	8.88	273.3	249.0	13
260.4	8.54	273.4	249.0	13
260.0	8.38	273.7	248.8	13
254.0	13.54	269.6	217.9	13
221.8	21.61	264.4	190.9	13
181.7	19.36	209.6	154.5	13
158.7	13.64	180.2	141.8	13
145.0	7.35	158.4	135.6	13
136.5	4.91	145.0	131.6	13
133.0	3.41	139.6	127.5	13
128.6	3.23	135.5	122.4	13
122.2	3.08	128.0	116.1	13
111.7	2.89	115.3	105.5	12
102.4	2.69	106.5	97.3	11
95.1	2.05	98.4	91.2	11
88.9	2.15	92.2	83.8	11
82.5	1.82	86.1	79.6	11
78.7	2.05	82.0	75.6	10
74.8	2.01	78.5	72.0	10
68.0	.91	69.2	66.7	9
59.9	.61	60.7	59.2	5
51.4	.42	51.7	51.1	2
46.5	n/a	n/a	n/a	1
45.0	n/a	n/a	n/a	1
45.1	n/a	n/a	n/a	1

THETA

PRESS	MEAN	S.D.	MAX	MIN	N
0	7.75	.582	8.59	6.93	13
10	7.76	.578	8.59	6.94	13
20	7.74	.571	8.59	6.93	13
30	7.72	.553	8.58	6.94	13
50	7.70	.539	8.57	6.95	13
75	7.47	.689	8.56	5.99	13
100	6.51	.986	8.49	5.24	13
125	5.89	.604	6.96	4.88	13
150	5.85	.442	6.55	5.01	13
175	5.73	.405	6.37	4.89	13
200	5.55	.419	6.14	4.58	13
225	5.31	.379	5.92	4.47	13
250	5.07	.365	5.67	4.25	13
300	4.68	.264	5.13	4.11	13
400	4.19	.201	4.45	3.76	12
500	3.91	.144	4.09	3.63	11
600	3.69	.098	3.86	3.53	11
700	3.48	.082	3.67	3.38	11
800	3.29	.091	3.53	3.19	11
900	3.11	.085	3.31	3.01	10
1000	2.94	.076	3.11	2.86	10
1200	2.62	.042	2.71	2.57	9
1500	2.25	.023	2.27	2.22	5
2000	1.79	.007	1.80	1.79	2
2500	1.51	n/a	n/a	n/a	1
3000	1.36	n/a	n/a	n/a	1
3500	1.29	n/a	n/a	n/a	1

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
261.1	10.19	274.1	244.9	13
261.1	9.03	273.2	248.9	13
260.4	8.85	272.9	248.7	13
259.9	8.51	272.9	248.5	13
259.2	8.34	272.9	248.1	13
252.8	13.44	268.3	217.0	13
220.4	21.46	262.6	189.8	13
180.2	19.38	208.4	152.8	13
156.7	13.62	178.5	139.8	13
142.7	7.31	156.3	133.4	13
136.0	4.77	142.2	129.3	13
130.2	3.25	136.5	125.2	13
125.7	3.03	132.2	120.0	13
119.0	2.93	124.5	113.3	13
107.8	2.75	111.3	102.0	12
97.8	2.62	101.7	93.1	11
89.9	1.99	92.9	86.1	11
83.1	2.09	86.1	78.1	11
77.2	1.73	79.3	73.4	11
72.0	2.00	75.4	68.6	10
67.6	1.99	71.4	64.7	10
60.3	.95	61.5	59.0	9
51.5	.59	52.4	50.9	5
42.2	.42	42.5	41.9	2
36.5	n/a	n/a	n/a	1
33.7	n/a	n/a	n/a	1
32.3	n/a	n/a	n/a	1

STATION MP18 J A N U A R Y 1956 to 1990

DELTA D

PRESS	MEAN	S.D.	MAX	MIN	N
0	.000	.0000	.000	.000	13
10	.260	.0091	.270	.250	13
20	.523	.0184	.550	.500	13
30	.785	.0273	.820	.750	13
50	1.304	.0437	1.370	1.240	13
75	1.952	.0638	2.060	1.870	13
100	2.555	.0635	2.680	2.470	13
125	3.055	.0804	3.250	2.910	13
150	3.478	.1076	3.730	3.290	13
175	3.856	.1308	4.130	3.630	13
200	4.210	.1426	4.500	3.970	13
225	4.548	.1524	4.850	4.290	13
250	4.875	.1560	5.170	4.610	13
300	5.502	.1688	5.810	5.230	13
400	6.652	.1836	7.010	6.370	12
500	7.705	.2058	8.110	7.410	11
600	8.694	.2189	9.130	8.380	11
700	9.614	.2344	10.080	9.290	11
800	10.476	.2499	10.980	10.150	11
900	11.279	.2736	11.810	10.930	10
1000	12.048	.2842	12.600	11.660	10
1200	13.470	.3120	14.020	13.050	9
1500	15.258	.3093	15.690	14.920	5
2000	18.125	.1344	18.220	18.030	2
2500	20.470	n/a	n/a	n/a	1
3000	22.760	n/a	n/a	n/a	1
3500	25.030	n/a	n/a	n/a	1

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.00	.000	.00	.00	13
.01	.000	.01	.01	13
.05	.004	.06	.05	13
.12	.006	.13	.11	13
.33	.011	.35	.32	13
.74	.026	.79	.71	13
1.28	.045	1.36	1.18	13
1.85	.076	2.01	1.69	13
2.45	.125	2.68	2.21	13
3.07	.166	3.35	2.78	13
3.75	.191	4.05	3.42	13
4.48	.210	4.80	4.12	13
5.27	.223	5.60	4.90	13
7.03	.256	7.38	6.62	13
11.15	.323	11.64	10.69	12
16.01	.405	16.68	15.41	11
21.55	.507	22.42	20.69	11
27.53	.623	28.73	26.50	11
34.23	.760	35.55	32.77	11
41.24	.945	42.78	39.44	10
48.67	1.091	50.39	46.57	10
64.68	1.360	66.36	62.07	9
90.31	1.767	92.20	87.86	5
140.84	2.142	142.35	139.32	2
195.23	n/a	n/a	n/a	1
259.46	n/a	n/a	n/a	1
334.36	n/a	n/a	n/a	1

OXYGEN

PRESS	MEAN	S.D.	MAX	MIN	N
0	6.89	n/a	n/a	n/a	1
10	6.85	n/a	n/a	n/a	1
20	6.85	n/a	n/a	n/a	1
30	6.85	n/a	n/a	n/a	1
50	6.87	n/a	n/a	n/a	1
75	6.83	n/a	n/a	n/a	1
100	6.56	n/a	n/a	n/a	1
125	4.97	n/a	n/a	n/a	1
150	4.65	n/a	n/a	n/a	1
175	4.28	n/a	n/a	n/a	1
200	3.75	n/a	n/a	n/a	1
225	3.21	n/a	n/a	n/a	1
250	2.74	n/a	n/a	n/a	1
300	2.18	n/a	n/a	n/a	1
400	1.63	n/a	n/a	n/a	1
500	1.47	n/a	n/a	n/a	1
600	1.33	n/a	n/a	n/a	1
700	1.17	n/a	n/a	n/a	1
800	1.11	n/a	n/a	n/a	1
900	1.19	n/a	n/a	n/a	1
1000	1.18	n/a	n/a	n/a	1
1200	1.02	n/a	n/a	n/a	1
1500	1.57	n/a	n/a	n/a	1
2000	2.17	n/a	n/a	n/a	1
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0
3500	n/a	n/a	n/a	n/a	0

SOUND

MEAN	S.D.	MAX	MIN	N
1479	2.4	1482	1475	13
1479	2.1	1483	1476	13
1479	2.2	1483	1476	13
1479	2.2	1483	1476	13
1479	2.4	1483	1476	13
1479	2.7	1483	1473	13
1476	4.0	1483	1470	13
1474	2.4	1478	1470	13
1475	2.0	1478	1471	13
1475	1.5	1478	1472	13
1475	1.7	1477	1471	13
1475	1.6	1477	1471	13
1474	1.6	1476	1470	13
1473	1.2	1475	1471	13
1473	1.0	1474	1471	12
1474	.7	1474	1472	11
1474	.5	1475	1474	11
1475	.5	1476	1475	11
1476	.5	1477	1476	11
1477	.5	1478	1477	10
1478	.5	1479	1478	10
1480	.5	1481	1480	9
1484	.0	1484	1484	5
1490	.0	1490	1490	2
1498	n/a	n/a	n/a	1
1506	n/a	n/a	n/a	1
1514	n/a	n/a	n/a	1

DELTA DH

PRESS	MEAN	S.D.	MAX	MIN	N
0	12.048	.2834	12.597	11.662	10
10	11.786	.2815	12.326	11.408	10
20	11.525	.2805	12.058	11.154	10
30	11.264	.2801	11.791	10.889	10
50	10.744	.2771	11.254	10.359	10
75	10.098	.2623	10.585	9.752	10
100	9.500	.2360	9.917	9.147	10
125	9.003	.2128	9.349	8.636	10
150	8.583	.1926	8.868	8.210	10
175	8.208	.1814	8.464	7.832	10
200	7.858	.1740	8.099	7.491	10
225	7.521	.1679	7.752	7.168	10
250	7.197	.1634	7.423	6.855	10
300	6.576	.1527	6.786	6.258	10
400	5.413	.1283	5.591	5.156	10
500	4.348	.1034	4.492	4.145	10
600	3.361	.0786	3.466	3.203	10
700	2.442	.0592	2.514	2.326	10
800	1.579	.0413	1.640	1.506	10
900	.768	.0211	.808	.737	10
1000	.000	.0000	.000	.000	10
1200	-1.424	.0252	-1.383	-1.465	9
1500	-3.326	.0564	-3.261	-3.408	5
2000	-6.153	.1061	-6.078	-6.228	2
2500	-8.520	n/a	n/a	n/a	1
3000	-10.811	n/a	n/a	n/a	1
3500	-13.072	n/a	n/a	n/a	1

STATION MP18 F E B R U A R Y 1956 to 1990

TEMPERATURE

PRESS	MEAN	S.D.	MAX	MIN	N
0	6.33	.725	7.80	5.29	11
10	6.38	.780	7.80	5.27	11
20	6.38	.781	7.81	5.27	11
30	6.39	.789	7.81	5.25	11
50	6.36	.800	7.81	5.25	11
75	6.30	.834	7.80	5.24	11
100	6.21	.812	7.77	5.23	11
125	5.86	.533	6.60	5.18	11
150	5.67	.514	6.30	4.83	11
175	5.61	.563	6.35	4.64	11
200	5.41	.519	6.09	4.47	11
225	5.20	.475	5.94	4.38	11
250	5.03	.422	5.76	4.38	11
300	4.67	.273	5.02	4.20	11
400	4.25	.243	4.65	3.89	11
500	3.98	.203	4.30	3.67	11
600	3.77	.143	3.98	3.53	11
700	3.57	.126	3.80	3.40	11
800	3.39	.112	3.65	3.24	11
900	3.20	.092	3.39	3.11	11
1000	3.03	.077	3.18	2.95	11
1200	2.73	.054	2.82	2.67	11
1500	2.36	.032	2.41	2.33	9
2000	1.93	.017	1.96	1.92	4
2500	1.73	.017	1.75	1.71	4
3000	1.60	.010	1.61	1.59	4
3500	1.54	.014	1.56	1.53	4

SALINITY

MEAN	S.D.	MAX	MIN	N
32.568	.0608	32.660	32.480	11
32.561	.0547	32.640	32.480	11
32.561	.0526	32.640	32.490	11
32.560	.0525	32.640	32.490	11
32.564	.0539	32.640	32.490	11
32.569	.0587	32.642	32.497	11
32.607	.0594	32.690	32.518	11
33.018	.2151	33.274	32.585	11
33.516	.1541	33.733	33.156	11
33.726	.0895	33.815	33.510	11
33.804	.0545	33.848	33.687	11
33.835	.0428	33.882	33.741	11
33.860	.0383	33.922	33.789	11
33.899	.0228	33.937	33.868	11
33.990	.0197	34.030	33.960	11
34.081	.0187	34.124	34.058	11
34.160	.0202	34.206	34.140	11
34.230	.0159	34.256	34.209	11
34.289	.0177	34.313	34.255	11
34.334	.0174	34.361	34.301	11
34.374	.0182	34.408	34.342	11
34.433	.0172	34.465	34.405	11
34.508	.0173	34.547	34.488	9
34.583	.0107	34.597	34.573	4
34.625	.0110	34.634	34.615	4
34.654	.0129	34.667	34.641	4
34.670	.0081	34.679	34.658	4

SIGMA T

PRESS	MEAN	S.D.	MAX	MIN	N
0	25.614	.0955	25.716	25.457	11
10	25.600	.0943	25.711	25.461	11
20	25.601	.0922	25.713	25.472	11
30	25.600	.0934	25.713	25.472	11
50	25.606	.0962	25.713	25.471	11
75	25.617	.1074	25.761	25.475	11
100	25.658	.0907	25.776	25.518	11
125	26.027	.1477	26.261	25.766	11
150	26.443	.1006	26.597	26.251	11
175	26.615	.0497	26.669	26.525	11
200	26.702	.0337	26.734	26.636	11
225	26.752	.0330	26.796	26.687	11
250	26.791	.0320	26.824	26.719	11
300	26.863	.0253	26.903	26.821	11
400	26.980	.0271	27.017	26.929	11
500	27.080	.0238	27.120	27.036	11
600	27.164	.0166	27.200	27.136	11
700	27.240	.0117	27.261	27.225	11
800	27.305	.0151	27.318	27.279	11
900	27.358	.0145	27.374	27.332	11
1000	27.405	.0137	27.418	27.381	11
1200	27.480	.0122	27.497	27.458	11
1500	27.570	.0118	27.597	27.557	9
2000	27.665	.0090	27.676	27.658	4
2500	27.714	.0068	27.722	27.706	4
3000	27.747	.0083	27.757	27.738	4
3500	27.764	.0077	27.772	27.755	4

SVA

MEAN	S.D.	MAX	MIN	N
238.3	9.07	253.1	228.6	11
239.6	8.98	252.9	229.1	11
239.7	8.79	252.0	229.1	11
240.0	8.90	252.1	229.2	11
239.7	9.20	252.5	229.4	11
238.8	10.34	252.6	225.1	11
235.2	8.77	248.8	223.9	11
200.4	14.00	225.0	178.1	11
161.2	9.49	179.1	146.8	11
145.2	4.75	154.0	140.1	11
137.3	3.33	143.7	133.8	11
132.7	3.34	139.2	128.0	11
129.1	3.24	136.4	125.9	11
122.6	2.57	126.7	118.8	11
112.2	2.73	117.3	108.6	11
103.3	2.43	107.9	99.6	11
96.0	1.63	98.9	92.7	11
89.3	1.17	91.1	87.4	11
83.7	1.51	86.5	82.2	11
79.0	1.46	81.7	77.5	11
74.9	1.32	77.5	73.8	11
68.3	1.05	70.3	67.0	11
60.3	1.08	61.4	58.0	9
51.9	.85	52.7	50.8	4
48.0	.69	48.8	47.3	4
45.8	.81	46.6	44.9	4
45.2	.72	45.9	44.4	4

THETA

PRESS	MEAN	S.D.	MAX	MIN	N
0	6.33	.725	7.80	5.29	11
10	6.38	.780	7.80	5.27	11
20	6.38	.779	7.80	5.27	11
30	6.39	.789	7.81	5.25	11
50	6.36	.800	7.81	5.25	11
75	6.29	.835	7.79	5.23	11
100	6.20	.812	7.76	5.22	11
125	5.85	.532	6.59	5.17	11
150	5.66	.514	6.29	4.82	11
175	5.60	.562	6.33	4.62	11
200	5.39	.518	6.07	4.46	11
225	5.18	.473	5.92	4.37	11
250	5.01	.422	5.74	4.36	11
300	4.64	.273	5.00	4.18	11
400	4.22	.242	4.61	3.86	11
500	3.94	.205	4.27	3.63	11
600	3.73	.142	3.94	3.49	11
700	3.52	.124	3.75	3.35	11
800	3.33	.110	3.59	3.19	11
900	3.14	.093	3.33	3.04	11
1000	2.96	.077	3.11	2.88	11
1200	2.65	.052	2.74	2.59	11
1500	2.26	.032	2.31	2.23	9
2000	1.79	.017	1.82	1.78	4
2500	1.55	.017	1.57	1.53	4
3000	1.38	.013	1.39	1.36	4
3500	1.27	.014	1.29	1.26	4

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
238.3	9.07	253.1	228.6	11
239.5	8.98	252.7	229.0	11
239.4	8.75	251.7	228.9	11
239.6	8.86	251.7	228.9	11
239.0	9.13	251.8	228.9	11
237.9	10.20	251.4	224.3	11
234.0	8.60	247.2	222.8	11
198.9	14.05	223.7	176.6	11
159.4	9.53	177.6	144.8	11
143.0	4.71	151.5	137.9	11
134.8	3.15	140.9	131.8	11
130.0	3.13	136.1	125.8	11
126.3	3.04	133.1	123.1	11
119.4	2.40	123.4	115.7	11
108.3	2.54	113.0	104.7	11
98.7	2.24	102.9	95.0	11
90.7	1.55	93.4	87.3	11
83.5	1.07	84.9	81.5	11
77.3	1.40	79.7	76.0	11
72.2	1.40	74.7	70.6	11
67.7	1.31	70.0	66.4	11
60.5	1.12	62.6	58.9	11
51.9	1.15	53.1	49.3	9
42.6	.82	43.3	41.6	4
37.8	.70	38.5	37.1	4
34.4	.94	35.3	33.4	4
32.5	.73	33.3	31.7	4

STATION MP18 F E B R U A R Y 1956 to 1990

DELTA D

PRESS	MEAN	S.D.	MAX	MIN	N
0	.000	.0000	.000	.000	11
10	.240	.0089	.250	.230	11
20	.480	.0190	.510	.460	11
30	.720	.0286	.760	.690	11
50	1.202	.0435	1.260	1.150	11
75	1.798	.0682	1.890	1.720	11
100	2.389	.0940	2.520	2.280	11
125	2.944	.0841	3.070	2.830	11
150	3.390	.0900	3.540	3.250	11
175	3.770	.1006	3.940	3.620	11
200	4.121	.1073	4.300	3.970	11
225	4.460	.1169	4.660	4.300	11
250	4.785	.1225	5.000	4.630	11
300	5.415	.1310	5.660	5.250	11
400	6.585	.1475	6.870	6.420	11
500	7.662	.1680	8.000	7.470	11
600	8.659	.1850	9.040	8.450	11
700	9.585	.1908	9.980	9.360	11
800	10.446	.1945	10.840	10.210	11
900	11.261	.1964	11.650	11.020	11
1000	12.028	.1979	12.410	11.780	11
1200	13.459	.2023	13.820	13.200	11
1500	15.374	.2228	15.690	15.100	9
2000	18.325	.1593	18.530	18.160	4
2500	20.827	.1590	21.050	20.680	4
3000	23.177	.1321	23.370	23.070	4
3500	25.457	.1114	25.620	25.380	4

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.00	.000	.00	.00	11
.01	.000	.01	.01	11
.05	.000	.05	.05	11
.11	.004	.12	.11	11
.31	.010	.32	.29	11
.69	.025	.72	.66	11
1.22	.048	1.29	1.16	11
1.85	.049	1.92	1.78	11
2.47	.069	2.56	2.37	11
3.10	.096	3.25	2.97	11
3.77	.111	3.95	3.63	11
4.50	.124	4.71	4.36	11
5.30	.139	5.54	5.15	11
7.06	.165	7.37	6.91	11
11.23	.232	11.68	10.97	11
16.17	.345	16.87	15.73	11
21.74	.452	22.67	21.10	11
27.87	.520	28.87	27.04	11
34.47	.579	35.48	33.52	11
41.52	.656	42.48	40.44	11
48.96	.745	49.88	47.77	11
64.98	.905	66.31	63.61	11
91.34	1.158	93.22	89.59	9
142.76	.834	143.27	141.52	4
200.08	.778	200.87	199.25	4
265.96	1.241	267.36	264.38	4
341.46	2.307	343.83	338.92	4

OXYGEN

PRESS	MEAN	S.D.	MAX	MIN	N
0	6.92	.332	7.16	6.69	2
10	6.91	.339	7.15	6.67	2
20	6.91	.339	7.15	6.67	2
30	6.90	.332	7.14	6.67	2
50	6.92	.318	7.15	6.70	2
75	6.87	.368	7.13	6.61	2
100	6.86	.375	7.12	6.59	2
125	6.14	.700	6.64	5.65	2
150	5.08	.127	5.17	4.99	2
175	4.12	.375	4.39	3.86	2
200	3.66	.127	3.75	3.57	2
225	3.35	.042	3.38	3.32	2
250	3.06	.198	3.20	2.92	2
300	2.42	.226	2.58	2.26	2
400	1.53	.057	1.57	1.49	2
500	.91	.134	1.01	.82	2
600	.70	.057	.74	.66	2
700	.57	.071	.62	.52	2
800	.49	.035	.52	.47	2
900	.45	.035	.48	.43	2
1000	.42	.085	.48	.36	2
1200	.44	.049	.48	.41	2
1500	.63	.049	.66	.59	2
2000	1.27	.106	1.34	1.19	2
2500	1.94	.042	1.97	1.91	2
3000	2.45	.113	2.53	2.37	2
3500	2.79	.071	2.84	2.74	2

SOUND

MEAN	S.D.	MAX	MIN	N
1473	2.9	1479	1469	11
1473	3.1	1479	1469	11
1474	3.1	1479	1469	11
1474	3.4	1480	1469	11
1474	3.1	1480	1470	11
1474	3.2	1480	1470	11
1474	3.4	1481	1470	11
1474	2.2	1477	1471	11
1474	2.2	1477	1471	11
1475	2.3	1478	1471	11
1474	2.2	1477	1470	11
1474	2.0	1477	1470	11
1474	1.9	1477	1471	11
1473	1.3	1475	1471	11
1473	.9	1475	1472	11
1474	.9	1475	1472	11
1474	.5	1475	1474	11
1475	.5	1476	1475	11
1476	.5	1477	1476	11
1477	.4	1478	1477	11
1478	.4	1479	1478	11
1480	.5	1481	1480	11
1484	.0	1484	1484	9
1490	.5	1491	1490	4
1498	.0	1498	1498	4
1506	.0	1506	1506	4
1514	.0	1514	1514	4

DELTA DH

PRESS	MEAN	S.D.	MAX	MIN	N
0	12.029	.1980	12.412	11.779	11
10	11.789	.1945	12.157	11.548	11
20	11.549	.1902	11.907	11.313	11
30	11.308	.1859	11.655	11.064	11
50	10.827	.1775	11.150	10.574	11
75	10.230	.1681	10.518	9.972	11
100	9.639	.1644	9.892	9.361	11
125	9.085	.1563	9.337	8.845	11
150	8.640	.1460	8.873	8.422	11
175	8.260	.1388	8.476	8.047	11
200	7.907	.1331	8.108	7.698	11
225	7.571	.1278	7.756	7.367	11
250	7.244	.1210	7.412	7.049	11
300	6.614	.1092	6.753	6.436	11
400	5.443	.0891	5.557	5.298	11
500	4.367	.0662	4.467	4.259	11
600	3.371	.0513	3.460	3.301	11
700	2.446	.0414	2.524	2.403	11
800	1.581	.0293	1.637	1.554	11
900	.768	.0138	.796	.756	11
1000	.000	.0000	.000	.000	11
1200	-1.429	.0221	-1.407	-1.469	11
1500	-3.352	.0477	-3.279	-3.425	9
2000	-6.228	.0318	-6.189	-6.265	4
2500	-8.728	.0352	-8.698	-8.776	4
3000	-11.078	.0594	-11.009	-11.148	4
3500	-13.357	.0924	-13.259	-13.457	4

STATION MP18 M A R C H 1956 to 1990

TEMPERATURE

PRESS	MEAN	S.D.	MAX	MIN	N
0	6.86	.393	7.50	6.20	15
10	6.86	.319	7.28	6.37	15
20	6.83	.330	7.26	6.37	15
30	6.82	.345	7.27	6.32	15
50	6.81	.356	7.30	6.24	15
75	6.77	.365	7.27	6.16	15
100	6.63	.342	7.07	6.13	15
125	6.34	.485	7.00	5.52	15
150	6.23	.454	6.87	5.47	15
175	6.10	.459	6.77	5.51	15
200	5.90	.490	6.63	5.32	15
225	5.61	.427	6.23	5.07	15
250	5.36	.392	6.06	4.82	15
300	4.93	.320	5.46	4.45	15
400	4.38	.235	4.83	4.10	15
500	4.08	.139	4.37	3.86	14
600	3.85	.128	4.05	3.67	14
700	3.64	.116	3.85	3.48	14
800	3.41	.081	3.53	3.28	14
900	3.21	.064	3.31	3.11	14
1000	3.04	.058	3.15	2.96	14
1200	2.74	.048	2.82	2.67	14
1500	2.38	.045	2.48	2.34	8
2000	1.94	.010	1.95	1.93	3
2500	1.73	.007	1.73	1.72	2
3000	1.60	.014	1.61	1.59	2
3500	1.54	.007	1.55	1.54	2

SALINITY

MEAN	S.D.	MAX	MIN	N
32.579	.1011	32.782	32.479	15
32.583	.0937	32.767	32.478	15
32.583	.0923	32.764	32.477	15
32.577	.0914	32.764	32.479	15
32.577	.0915	32.769	32.478	15
32.585	.0864	32.763	32.481	15
32.709	.1750	33.122	32.482	15
33.197	.2903	33.743	32.652	15
33.593	.1364	33.796	33.384	15
33.769	.0867	33.941	33.595	15
33.842	.0539	33.960	33.740	15
33.868	.0416	33.960	33.810	15
33.884	.0369	33.969	33.842	15
33.909	.0278	33.970	33.860	15
33.987	.0227	34.019	33.930	15
34.079	.0221	34.120	34.037	14
34.161	.0190	34.201	34.134	14
34.231	.0164	34.263	34.205	14
34.284	.0195	34.326	34.246	14
34.335	.0218	34.374	34.297	14
34.376	.0213	34.425	34.345	14
34.435	.0172	34.474	34.402	14
34.505	.0123	34.526	34.491	8
34.599	.0093	34.605	34.590	3
34.642	.0000	34.645	34.639	2
34.660	.0068	34.661	34.659	2
34.678	.0062	34.682	34.675	2

SIGMA T

PRESS	MEAN	S.D.	MAX	MIN	N
0	25.556	.1023	25.768	25.424	15
10	25.560	.0928	25.676	25.423	15
20	25.562	.0932	25.679	25.425	15
30	25.559	.0906	25.679	25.424	15
50	25.560	.0904	25.676	25.427	15
75	25.572	.0814	25.684	25.439	15
100	25.688	.1550	26.074	25.489	15
125	26.109	.2671	26.600	25.646	15
150	26.435	.1450	26.651	26.223	15
175	26.590	.0978	26.710	26.367	15
200	26.673	.0669	26.749	26.506	15
225	26.729	.0483	26.782	26.606	15
250	26.771	.0425	26.825	26.653	15
300	26.842	.0348	26.881	26.741	15
400	26.964	.0347	27.013	26.870	15
500	27.068	.0267	27.124	27.014	14
600	27.156	.0249	27.207	27.117	14
700	27.234	.0213	27.275	27.191	14
800	27.298	.0205	27.331	27.259	14
900	27.358	.0211	27.395	27.324	14
1000	27.406	.0197	27.449	27.381	14
1200	27.480	.0146	27.510	27.450	14
1500	27.567	.0108	27.586	27.554	8
2000	27.678	.0061	27.683	27.671	3
2500	27.728	.0052	27.730	27.726	2
3000	27.752	.0000	27.752	27.752	2
3500	27.771	.0025	27.774	27.767	2

SVA

MEAN	S.D.	MAX	MIN	N
243.8	9.73	256.4	223.6	15
243.5	8.82	256.6	232.3	15
243.4	8.87	256.6	232.3	15
243.9	8.64	256.8	232.4	15
244.0	8.60	256.7	233.0	15
243.2	7.77	255.9	232.5	15
232.5	14.73	251.4	195.8	15
192.8	25.41	236.8	146.2	15
162.2	13.85	182.5	141.6	15
147.8	9.40	169.2	136.3	15
140.2	6.51	156.3	132.7	15
135.1	4.73	147.0	129.9	15
131.3	4.20	142.8	125.9	15
124.8	3.48	134.7	120.8	15
113.8	3.45	123.1	109.0	15
104.6	2.65	110.0	99.1	14
96.8	2.49	100.8	91.8	14
90.0	2.17	94.4	85.9	14
84.3	2.04	88.2	81.0	14
79.1	2.06	82.5	75.5	14
74.8	1.93	77.2	70.7	14
68.4	1.45	71.3	65.6	14
60.6	1.11	62.2	58.8	8
50.7	.51	51.3	50.3	3
46.8	.14	46.9	46.7	2
45.3	.00	45.3	45.3	2
44.6	.50	45.0	44.3	2

THETA

PRESS	MEAN	S.D.	MAX	MIN	N
0	6.86	.393	7.50	6.20	15
10	6.86	.319	7.28	6.37	15
20	6.83	.330	7.26	6.37	15
30	6.82	.345	7.27	6.32	15
50	6.81	.357	7.30	6.24	15
75	6.76	.365	7.26	6.15	15
100	6.62	.341	7.06	6.12	15
125	6.33	.485	6.98	5.51	15
150	6.21	.454	6.86	5.46	15
175	6.08	.457	6.75	5.49	15
200	5.88	.489	6.61	5.30	15
225	5.59	.426	6.21	5.05	15
250	5.34	.392	6.04	4.80	15
300	4.90	.319	5.44	4.43	15
400	4.35	.235	4.80	4.07	15
500	4.05	.140	4.33	3.82	14
600	3.81	.124	4.00	3.63	14
700	3.59	.116	3.80	3.43	14
800	3.35	.079	3.47	3.23	14
900	3.15	.063	3.25	3.05	14
1000	2.97	.058	3.08	2.89	14
1200	2.66	.047	2.74	2.59	14
1500	2.28	.045	2.38	2.24	8
2000	1.80	.010	1.81	1.79	3
2500	1.55	.014	1.56	1.54	2
3000	1.38	.014	1.39	1.37	2
3500	1.27	.007	1.28	1.27	2

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
243.8	9.73	256.4	223.6	15
243.4	8.85	256.5	232.3	15
243.1	8.87	256.3	232.0	15
243.5	8.62	256.3	232.0	15
243.3	8.58	255.9	232.3	15
242.1	7.74	254.8	231.5	15
231.1	14.72	250.0	194.5	15
191.1	25.36	235.1	144.5	15
160.1	13.73	180.2	139.7	15
145.3	9.27	166.5	134.0	15
137.5	6.33	153.3	130.3	15
132.2	4.56	143.8	127.2	15
128.2	4.03	139.4	123.0	15
121.4	3.29	130.9	117.7	15
109.8	3.28	118.7	105.2	15
99.9	2.53	105.0	94.6	14
91.4	2.36	95.2	86.6	14
84.1	2.01	88.0	80.1	14
77.9	1.93	81.6	74.8	14
72.2	2.00	75.4	68.7	14
67.6	1.88	69.9	63.5	14
60.5	1.41	63.4	57.7	14
52.1	1.04	53.3	50.3	8
41.4	.59	42.1	41.0	3
36.4	.21	36.6	36.3	2
33.9	.00	33.9	33.9	2
31.8	.42	32.1	31.5	2

STATION MP18 M A R C H 1956 to 1990

DELTA D

PRESS	MEAN	S.D.	MAX	MIN	N
0	.000	.0000	.000	.000	15
10	.243	.0088	.260	.230	15
20	.487	.0179	.510	.460	15
30	.732	.0276	.770	.690	15
50	1.223	.0445	1.280	1.160	15
75	1.830	.0650	1.920	1.740	15
100	2.431	.0818	2.550	2.320	15
125	2.963	.1193	3.140	2.770	15
150	3.403	.1575	3.650	3.120	15
175	3.789	.1811	4.070	3.470	15
200	4.147	.1903	4.440	3.820	15
225	4.491	.1995	4.800	4.150	15
250	4.823	.2076	5.160	4.470	15
300	5.463	.2220	5.860	5.100	15
400	6.653	.2450	7.120	6.260	15
500	7.759	.2679	8.280	7.340	14
600	8.765	.2848	9.330	8.320	14
700	9.699	.3022	10.300	9.230	14
800	10.569	.3151	11.210	10.090	14
900	11.384	.3318	12.060	10.870	14
1000	12.152	.3458	12.850	11.600	14
1200	13.587	.3653	14.340	13.000	14
1500	15.461	.3673	15.950	14.890	8
2000	18.307	.1305	18.430	18.170	3
2500	20.750	.1980	20.890	20.610	3
3000	23.060	.1981	23.200	22.920	3
3500	25.320	.2122	25.470	25.170	2

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.00	.000	.00	.00	15
.01	.000	.01	.01	15
.05	.000	.05	.05	15
.11	.005	.12	.11	15
.31	.010	.33	.30	15
.70	.024	.73	.67	15
1.24	.043	1.29	1.17	15
1.84	.091	1.97	1.66	15
2.46	.153	2.69	2.16	15
3.10	.191	3.38	2.74	15
3.79	.217	4.12	3.41	15
4.53	.242	4.94	4.12	15
5.33	.262	5.81	4.91	15
7.13	.307	7.76	6.67	15
11.37	.398	12.26	10.82	15
16.39	.517	17.56	15.64	14
22.03	.636	23.42	20.98	14
28.21	.774	29.87	26.85	14
34.86	.918	36.82	33.22	14
41.94	1.075	44.20	40.02	14
49.37	1.248	51.86	47.18	14
65.43	1.541	68.46	62.64	14
91.97	1.931	93.92	88.10	8
142.09	1.690	144.03	140.94	3
198.61	2.680	200.50	196.71	3
263.35	2.680	265.25	261.46	3
338.25	3.054	340.41	336.09	2

OXYGEN

PRESS	MEAN	S.D.	MAX	MIN	N
0	6.99	.126	7.17	6.90	4
10	6.97	.133	7.17	6.89	4
20	7.01	.137	7.18	6.90	4
30	7.01	.163	7.19	6.84	4
50	6.96	.126	7.14	6.86	4
75	7.00	.151	7.12	6.87	4
100	6.42	.461	6.90	5.91	4
125	4.98	.716	5.59	3.95	4
150	4.06	.741	4.61	3.03	4
175	3.68	.616	4.29	2.87	4
200	3.46	.425	3.84	2.87	4
225	3.25	.245	3.45	2.90	4
250	3.03	.189	3.31	2.90	4
300	2.56	.215	2.76	2.31	4
400	1.66	.222	1.95	1.41	4
500	1.10	.186	1.33	.90	4
600	.81	.172	1.00	.65	4
700	.61	.136	.73	.49	4
800	.49	.130	.63	.36	4
900	.50	.142	.67	.36	4
1000	.50	.153	.70	.37	4
1200	.62	.212	.92	.42	4
1500	.78	.203	1.08	.64	4
2000	1.35	.064	1.40	1.31	2
2500	2.10	.269	2.29	1.91	2
3000	2.70	.325	2.93	2.47	2
3500	3.04	n/a	n/a	n/a	1

SOUND

MEAN	S.D.	MAX	MIN	N
1475	1.6	1478	1473	15
1475	1.3	1477	1473	15
1476	1.2	1477	1474	15
1476	1.4	1478	1474	15
1476	1.4	1478	1474	15
1476	1.5	1478	1474	15
1476	1.5	1478	1474	15
1476	1.7	1478	1473	15
1476	1.7	1479	1474	15
1477	1.7	1479	1474	15
1476	2.0	1479	1474	15
1476	1.7	1478	1473	15
1475	1.6	1478	1473	15
1474	1.3	1476	1472	15
1474	.9	1475	1472	15
1474	.7	1475	1473	14
1475	.7	1476	1474	14
1476	.6	1477	1475	14
1477	.5	1477	1476	14
1477	.5	1478	1477	14
1478	.5	1479	1478	14
1481	.5	1481	1480	14
1484	.0	1484	1484	8
1491	.6	1491	1490	3
1498	.0	1498	1498	3
1506	.0	1506	1506	3
1514	.0	1514	1514	2

DELTA DH

PRESS	MEAN	S.D.	MAX	MIN	N
0	12.153	.3464	12.853	11.598	14
10	11.908	.3426	12.601	11.359	14
20	11.665	.3382	12.348	11.124	14
30	11.420	.3345	12.094	10.886	14
50	10.930	.3281	11.587	10.400	14
75	10.319	.3189	10.951	9.808	14
100	9.718	.3089	10.336	9.229	14
125	9.185	.2747	9.767	8.744	14
150	8.742	.2387	9.275	8.348	14
175	8.356	.2153	8.837	7.992	14
200	7.996	.1983	8.430	7.652	14
225	7.652	.1856	8.052	7.324	14
250	7.319	.1763	7.691	7.002	14
300	6.678	.1598	6.996	6.381	14
400	5.486	.1330	5.731	5.239	14
500	4.394	.1052	4.574	4.199	14
600	3.388	.0810	3.528	3.245	14
700	2.454	.0590	2.553	2.359	14
800	1.584	.0397	1.644	1.511	14
900	.767	.0202	.791	.723	14
1000	.000	.0000	.000	.000	14
1200	-1.434	.0314	-1.375	-1.481	14
1500	-3.369	.0603	-3.234	-3.421	8
2000	-6.163	.0670	-6.116	-6.240	3
2500	-8.628	.1089	-8.551	-8.705	3
3000	-10.937	.1089	-10.860	-11.014	3
3500	-13.198	.1202	-13.113	-13.283	2

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TEMPERATURE

PRESS	MEAN	S.D.	MAX	MIN	N
0	6.63	.759	7.70	5.50	17
10	6.52	.713	7.69	5.50	17
20	6.49	.714	7.70	5.50	17
30	6.47	.721	7.69	5.50	17
50	6.39	.723	7.67	5.50	17
75	6.30	.762	7.54	5.27	17
100	6.18	.734	7.52	5.19	17
125	5.99	.537	6.94	5.11	16
150	5.85	.570	6.95	5.05	16
175	5.70	.538	6.63	4.94	16
200	5.49	.515	6.50	4.78	16
225	5.25	.507	6.34	4.57	16
250	5.01	.507	6.18	4.43	16
300	4.68	.492	5.85	4.20	16
400	4.24	.369	5.14	3.71	14
500	4.02	.233	4.48	3.70	13
600	3.82	.161	4.11	3.53	13
700	3.59	.124	3.84	3.40	12
800	3.40	.102	3.60	3.19	12
900	3.22	.079	3.38	3.07	12
1000	3.05	.069	3.17	2.92	12
1200	2.74	.048	2.82	2.64	12
1500	2.38	.032	2.42	2.32	11
2000	1.95	.017	1.97	1.92	7
2500	1.74	.018	1.76	1.71	5
3000	1.63	.019	1.65	1.61	4
3500	1.56	.010	1.58	1.56	4

SALINITY

MEAN	S.D.	MAX	MIN	N
32.606	.0692	32.762	32.500	17
32.596	.0750	32.721	32.488	17
32.594	.0767	32.722	32.487	17
32.593	.0771	32.722	32.485	17
32.595	.0773	32.725	32.487	17
32.600	.0781	32.757	32.490	17
32.693	.1632	33.057	32.503	17
33.089	.2817	33.623	32.673	16
33.519	.2234	33.721	32.813	16
33.709	.1212	33.820	33.381	16
33.788	.0639	33.852	33.591	16
33.822	.0462	33.881	33.694	16
33.849	.0358	33.903	33.788	16
33.897	.0319	33.944	33.811	16
33.989	.0236	34.038	33.943	14
34.080	.0167	34.124	34.052	13
34.164	.0201	34.201	34.132	13
34.229	.0198	34.264	34.200	12
34.288	.0198	34.322	34.258	12
34.333	.0149	34.357	34.307	12
34.373	.0128	34.390	34.350	12
34.436	.0140	34.456	34.416	12
34.504	.0142	34.526	34.487	11
34.588	.0119	34.607	34.572	7
34.627	.0110	34.642	34.611	5
34.650	.0134	34.661	34.630	4
34.667	.0095	34.674	34.652	4

SIGMA T

PRESS	MEAN	S.D.	MAX	MIN	N
0	25.605	.1303	25.829	25.381	17
10	25.611	.1320	25.829	25.382	17
20	25.613	.1315	25.829	25.382	17
30	25.616	.1321	25.829	25.382	17
50	25.628	.1310	25.829	25.388	17
75	25.642	.1335	25.856	25.405	17
100	25.731	.1842	26.013	25.407	17
125	26.067	.2260	26.414	25.627	16
150	26.424	.2060	26.601	25.728	16
175	26.591	.1137	26.700	26.234	16
200	26.680	.0763	26.762	26.459	16
225	26.735	.0590	26.806	26.588	16
250	26.784	.0480	26.848	26.686	16
300	26.859	.0448	26.912	26.757	16
400	26.980	.0424	27.026	26.886	14
500	27.076	.0283	27.102	27.015	13
600	27.163	.0241	27.192	27.110	13
700	27.237	.0219	27.273	27.190	12
800	27.302	.0197	27.332	27.259	12
900	27.355	.0144	27.375	27.320	12
1000	27.403	.0135	27.419	27.373	12
1200	27.480	.0130	27.499	27.463	12
1500	27.566	.0116	27.584	27.551	11
2000	27.668	.0099	27.683	27.655	7
2500	27.715	.0090	27.725	27.702	5
3000	27.742	.0095	27.749	27.727	4
3500	27.760	.0076	27.765	27.749	4

SVA

MEAN	S.D.	MAX	MIN	N
239.1	12.39	260.4	217.8	17
238.6	12.57	260.5	217.9	17
238.5	12.55	260.6	218.0	17
238.4	12.61	260.8	218.1	17
237.6	12.52	260.5	218.3	17
236.2	12.80	259.2	216.0	17
228.3	17.60	258.3	201.4	17
196.7	21.47	238.7	163.7	16
163.2	19.61	229.4	146.2	16
147.6	10.87	181.7	137.1	16
139.4	7.41	160.5	131.2	16
134.2	5.79	148.4	127.2	16
129.8	4.78	139.7	123.4	16
123.9	4.54	133.4	117.7	16
112.2	4.31	121.9	107.5	14
103.8	2.91	109.9	101.1	13
96.2	2.47	101.5	93.2	13
89.7	2.22	94.5	86.1	12
84.0	1.97	88.4	81.1	12
79.4	1.49	83.0	77.4	12
75.1	1.35	78.2	73.5	12
68.3	1.29	70.1	66.2	12
60.7	1.16	62.2	59.1	11
51.7	.90	52.8	50.3	7
48.0	.90	49.2	47.1	5
46.4	.80	47.6	45.9	4
45.7	.64	46.6	45.2	4

THETA

PRESS	MEAN	S.D.	MAX	MIN	N
0	6.63	.759	7.70	5.50	17
10	6.52	.713	7.69	5.50	17
20	6.49	.714	7.70	5.50	17
30	6.47	.720	7.69	5.50	17
50	6.39	.723	7.67	5.50	17
75	6.30	.761	7.53	5.26	17
100	6.17	.733	7.51	5.18	17
125	5.98	.535	6.93	5.10	16
150	5.83	.571	6.94	5.04	16
175	5.69	.536	6.61	4.93	16
200	5.47	.513	6.48	4.77	16
225	5.23	.506	6.32	4.56	16
250	4.99	.507	6.16	4.41	16
300	4.66	.491	5.82	4.18	16
400	4.21	.368	5.11	3.69	14
500	3.98	.234	4.44	3.66	13
600	3.78	.159	4.06	3.49	13
700	3.54	.124	3.79	3.35	12
800	3.35	.100	3.54	3.14	12
900	3.16	.078	3.31	3.01	12
1000	2.98	.069	3.10	2.85	12
1200	2.66	.051	2.74	2.55	12
1500	2.27	.034	2.32	2.21	11
2000	1.81	.017	1.83	1.78	7
2500	1.56	.019	1.58	1.53	5
3000	1.40	.015	1.42	1.39	4
3500	1.29	.008	1.30	1.28	4

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
239.1	12.39	260.4	217.8	17
238.5	12.55	260.3	217.8	17
238.3	12.50	260.3	217.8	17
238.0	12.57	260.3	217.8	17
236.9	12.45	259.7	217.8	17
235.6	12.67	258.0	215.9	17
227.1	17.50	257.8	200.3	17
195.1	21.47	236.9	162.1	16
161.2	19.54	227.2	144.4	16
145.3	10.78	179.2	135.0	16
136.9	7.24	157.8	129.1	16
131.6	5.59	145.6	124.9	16
127.0	4.53	136.2	120.9	16
119.8	4.22	129.5	114.8	16
108.3	3.99	117.1	103.9	14
99.1	2.66	104.8	96.7	13
90.8	2.29	95.8	88.0	13
83.8	2.06	88.2	80.4	12
77.6	1.86	81.6	74.7	12
72.5	1.39	75.8	70.5	12
67.8	1.25	70.7	66.4	12
60.4	1.53	62.1	58.7	12
52.2	1.12	53.7	50.6	11
42.4	.93	43.6	40.9	7
37.7	.93	38.9	36.7	5
34.9	.96	36.3	34.2	4
32.8	.74	33.9	32.3	4

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DELTA D

PRESS	MEAN	S.D.	MAX	MIN	N
0	.000	.0000	.000	.000	17
10	.240	.0132	.260	.220	17
20	.479	.0245	.520	.440	17
30	.718	.0383	.780	.650	17
50	1.197	.0628	1.310	1.090	17
75	1.792	.0932	1.960	1.640	17
100	2.368	.1272	2.600	2.170	17
125	2.919	.1624	3.220	2.700	16
150	3.363	.1984	3.700	3.080	16
175	3.749	.2243	4.160	3.430	16
200	4.107	.2387	4.580	3.780	16
225	4.448	.2488	4.970	4.100	16
250	4.779	.2545	5.320	4.430	16
300	5.408	.2659	5.970	5.040	16
400	6.579	.2896	7.150	6.170	14
500	7.650	.3257	8.240	7.200	13
600	8.650	.3382	9.230	8.180	13
700	9.605	.3565	10.160	9.080	12
800	10.472	.3705	11.030	9.930	12
900	11.288	.3819	11.850	10.730	12
1000	12.059	.3880	12.650	11.500	12
1200	13.487	.4066	14.130	12.910	12
1500	15.371	.4143	16.100	14.820	11
2000	18.284	.3907	18.930	17.800	7
2500	20.620	.3115	21.120	20.300	5
3000	22.845	.1830	23.080	22.660	4
3500	25.155	.2143	25.440	24.950	4

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.00	.000	.00	.00	17
.01	.000	.01	.01	17
.05	.003	.05	.04	17
.11	.006	.12	.10	17
.31	.017	.34	.28	17
.69	.037	.75	.63	17
1.20	.065	1.32	1.11	17
1.82	.115	2.03	1.66	16
2.45	.173	2.78	2.20	16
3.08	.222	3.62	2.78	16
3.77	.254	4.43	3.44	16
4.51	.281	5.27	4.15	16
5.31	.303	6.13	4.92	16
7.07	.340	7.95	6.64	16
11.27	.452	12.16	10.67	14
16.21	.607	17.23	15.41	13
21.80	.724	23.15	20.86	13
28.01	.857	29.63	26.87	12
34.65	.992	36.61	33.35	12
41.71	1.124	44.03	40.30	12
49.19	1.239	51.83	47.70	12
65.19	1.487	68.43	63.49	12
91.68	1.938	95.47	89.19	11
142.23	2.413	145.79	139.15	7
198.68	2.793	201.82	196.22	5
263.77	3.873	269.51	261.09	4
340.18	4.863	347.41	336.90	4

OXYGEN

PRESS	MEAN	S.D.	MAX	MIN	N
0	6.51	n/a	n/a	n/a	1
10	6.48	n/a	n/a	n/a	1
20	6.50	n/a	n/a	n/a	1
30	6.49	n/a	n/a	n/a	1
50	6.47	n/a	n/a	n/a	1
75	6.45	n/a	n/a	n/a	1
100	6.36	n/a	n/a	n/a	1
125	5.61	n/a	n/a	n/a	1
150	4.68	n/a	n/a	n/a	1
175	4.14	n/a	n/a	n/a	1
200	3.68	n/a	n/a	n/a	1
225	3.19	n/a	n/a	n/a	1
250	2.75	n/a	n/a	n/a	1
300	1.89	n/a	n/a	n/a	1
400	1.47	n/a	n/a	n/a	1
500	.83	n/a	n/a	n/a	1
600	.55	n/a	n/a	n/a	1
700	.42	n/a	n/a	n/a	1
800	.31	n/a	n/a	n/a	1
900	.27	n/a	n/a	n/a	1
1000	.25	n/a	n/a	n/a	1
1200	.31	n/a	n/a	n/a	1
1500	.53	n/a	n/a	n/a	1
2000	1.21	n/a	n/a	n/a	1
2500	1.77	n/a	n/a	n/a	1
3000	n/a	n/a	n/a	n/a	0
3500	n/a	n/a	n/a	n/a	0

SOUND

MEAN	S.D.	MAX	MIN	N
1474	2.9	1479	1470	17
1474	2.8	1479	1470	17
1474	2.9	1479	1470	17
1474	2.8	1479	1471	17
1474	2.8	1479	1471	17
1474	3.0	1479	1470	17
1474	2.9	1479	1470	17
1475	2.2	1479	1471	16
1475	2.2	1479	1471	16
1475	2.2	1479	1472	16
1475	2.2	1479	1472	16
1474	2.1	1479	1471	16
1474	2.2	1478	1471	16
1473	2.0	1478	1471	16
1473	1.5	1477	1471	14
1474	1.1	1476	1472	13
1475	.7	1476	1474	13
1476	.7	1477	1475	12
1476	.5	1477	1476	12
1477	.5	1478	1477	12
1478	.5	1479	1478	12
1480	.5	1481	1480	12
1484	.0	1484	1484	11
1491	.5	1491	1490	7
1498	.0	1498	1498	5
1506	.0	1506	1506	4
1514	.0	1514	1514	4

DELTA DH

PRESS	MEAN	S.D.	MAX	MIN	N
0	12.059	.3896	12.651	11.498	12
10	11.819	.3799	12.406	11.271	12
20	11.579	.3715	12.163	11.045	12
30	11.339	.3614	11.913	10.819	12
50	10.860	.3443	11.420	10.367	12
75	10.262	.3220	10.801	9.801	12
100	9.686	.3019	10.204	9.263	12
125	9.151	.2804	9.648	8.802	12
150	8.703	.2535	9.188	8.417	12
175	8.315	.2343	8.797	8.065	12
200	7.955	.2213	8.423	7.723	12
225	7.611	.2089	8.059	7.393	12
250	7.279	.1986	7.709	7.066	12
300	6.644	.1767	7.033	6.444	12
400	5.465	.1330	5.762	5.296	12
500	4.386	.0985	4.609	4.256	12
600	3.385	.0736	3.553	3.279	12
700	2.455	.0515	2.575	2.382	12
800	1.587	.0311	1.661	1.547	12
900	.772	.0138	.805	.754	12
1000	.000	.0000	.000	.000	12
1200	-1.428	.0258	-1.391	-1.482	12
1500	-3.361	.0642	-3.262	-3.451	11
2000	-6.187	.0983	-6.085	-6.299	7
2500	-8.674	.1359	-8.540	-8.824	5
3000	-10.988	.1761	-10.854	-11.246	4
3500	-13.294	.2056	-13.142	-13.597	4

STATION MP18 M A Y 1956 to 1990

TEMPERATURE

PRESS	MEAN	S.D.	MAX	MIN	N
0	7.90	.824	9.90	6.33	35
10	7.77	.762	9.78	6.25	35
20	7.58	.705	9.08	5.98	35
30	7.39	.755	8.80	5.62	35
50	7.00	.761	8.36	5.38	35
75	6.56	.688	7.76	5.20	35
100	6.23	.652	7.33	4.97	35
125	5.98	.589	7.19	4.97	35
150	5.88	.575	7.34	4.75	35
175	5.74	.578	7.26	4.70	35
200	5.49	.560	7.01	4.45	35
225	5.26	.512	6.76	4.23	35
250	5.06	.498	6.56	4.04	35
300	4.67	.411	6.02	3.80	35
400	4.24	.265	5.01	3.66	34
500	4.02	.194	4.50	3.66	33
600	3.79	.136	4.07	3.50	33
700	3.58	.109	3.81	3.34	32
800	3.39	.097	3.60	3.20	32
900	3.21	.085	3.40	3.02	32
1000	3.03	.075	3.21	2.86	32
1200	2.73	.060	2.85	2.61	31
1500	2.37	.030	2.42	2.30	22
2000	1.95	.021	2.00	1.91	14
2500	1.71	.013	1.73	1.69	9
3000	1.59	.009	1.60	1.57	9
3500	1.55	.017	1.58	1.53	7

SALINITY

MEAN	S.D.	MAX	MIN	N
32.578	.0683	32.715	32.451	35
32.571	.0685	32.720	32.453	35
32.577	.0724	32.726	32.470	35
32.581	.0749	32.739	32.470	35
32.591	.0771	32.750	32.480	35
32.618	.0745	32.765	32.480	35
32.760	.1779	33.315	32.545	35
33.225	.2432	33.699	32.709	35
33.612	.1641	33.831	33.140	35
33.761	.0924	33.863	33.392	35
33.820	.0499	33.881	33.660	35
33.847	.0368	33.900	33.777	35
33.868	.0318	33.918	33.801	35
33.904	.0299	33.968	33.840	35
33.997	.0295	34.086	33.949	34
34.087	.0275	34.166	34.030	33
34.168	.0241	34.233	34.128	33
34.234	.0210	34.296	34.197	32
34.289	.0214	34.347	34.252	32
34.333	.0185	34.378	34.303	32
34.372	.0192	34.416	34.342	32
34.436	.0169	34.476	34.412	31
34.503	.0208	34.540	34.454	22
34.586	.0095	34.603	34.567	14
34.627	.0083	34.639	34.616	9
34.651	.0118	34.667	34.633	9
34.666	.0000	34.675	34.662	7

SIGMA T

PRESS	MEAN	S.D.	MAX	MIN	N
0	25.408	.1165	25.712	25.103	35
10	25.423	.1155	25.723	25.068	35
20	25.455	.1157	25.756	25.234	35
30	25.484	.1273	25.807	25.262	35
50	25.544	.1311	25.850	25.332	35
75	25.624	.1176	25.871	25.389	35
100	25.778	.1667	26.190	25.471	35
125	26.175	.2130	26.505	25.614	35
150	26.492	.1674	26.690	25.932	35
175	26.628	.1179	26.767	26.140	35
200	26.704	.0781	26.816	26.385	35
225	26.753	.0635	26.864	26.514	35
250	26.793	.0572	26.906	26.587	35
300	26.866	.0463	26.975	26.728	35
400	26.986	.0397	27.097	26.889	34
500	27.081	.0373	27.180	26.984	33
600	27.168	.0296	27.244	27.109	33
700	27.242	.0253	27.309	27.198	32
800	27.304	.0227	27.362	27.263	32
900	27.356	.0183	27.399	27.322	32
1000	27.403	.0179	27.442	27.374	32
1200	27.482	.0159	27.514	27.455	31
1500	27.567	.0172	27.596	27.529	22
2000	27.667	.0079	27.682	27.651	14
2500	27.717	.0056	27.726	27.708	9
3000	27.746	.0088	27.759	27.730	9
3500	27.760	.0039	27.767	27.755	7

SVA

MEAN	S.D.	MAX	MIN	N
257.8	11.08	286.9	228.9	35
256.6	11.00	290.4	228.1	35
253.7	11.03	274.7	225.0	35
251.1	12.14	270.3	220.3	35
245.5	12.53	265.8	216.3	35
238.3	11.28	260.8	214.6	35
223.9	15.88	253.2	184.8	35
186.4	20.26	240.0	155.3	35
156.7	15.97	210.3	137.7	35
144.1	11.35	190.9	130.6	35
137.1	7.60	167.8	126.2	35
132.6	6.24	156.0	121.7	35
128.9	5.66	149.3	117.9	35
122.4	4.64	136.4	111.7	35
111.6	3.94	121.5	100.8	34
103.3	3.70	113.0	93.6	33
95.6	2.95	101.6	88.1	33
89.2	2.53	93.6	82.6	32
83.7	2.26	87.8	78.1	32
79.2	1.83	82.6	75.0	32
75.1	1.78	78.0	71.4	32
68.1	1.55	70.9	65.1	31
60.6	1.60	64.0	57.9	22
51.8	.73	53.2	50.2	14
47.7	.53	48.4	46.9	9
45.8	.75	47.2	44.7	9
45.6	.46	46.3	45.0	7

THETA

PRESS	MEAN	S.D.	MAX	MIN	N
0	7.90	.824	9.90	6.33	35
10	7.77	.762	9.78	6.25	35
20	7.58	.705	9.08	5.98	35
30	7.39	.755	8.80	5.62	35
50	7.00	.761	8.35	5.38	35
75	6.55	.687	7.75	5.19	35
100	6.22	.652	7.32	4.96	35
125	5.97	.589	7.18	4.96	35
150	5.87	.575	7.33	4.74	35
175	5.72	.576	7.25	4.68	35
200	5.48	.558	6.99	4.43	35
225	5.24	.511	6.74	4.21	35
250	5.04	.497	6.54	4.02	35
300	4.65	.410	5.99	3.78	35
400	4.21	.264	4.98	3.64	34
500	3.98	.194	4.47	3.63	33
600	3.75	.134	4.02	3.46	33
700	3.53	.109	3.76	3.29	32
800	3.34	.097	3.54	3.14	32
900	3.15	.083	3.34	2.96	32
1000	2.96	.075	3.14	2.80	32
1200	2.65	.060	2.77	2.53	31
1500	2.26	.030	2.32	2.20	22
2000	1.81	.019	1.86	1.78	14
2500	1.54	.014	1.55	1.51	9
3000	1.37	.008	1.38	1.35	9
3500	1.28	.017	1.31	1.26	7

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
257.8	11.08	286.9	228.9	35
256.5	10.99	290.3	227.9	35
253.4	10.98	274.3	224.8	35
250.6	12.10	269.8	219.9	35
244.8	12.46	265.0	215.8	35
237.3	11.17	259.6	213.8	35
222.6	15.82	251.7	183.4	35
184.8	20.22	238.1	153.5	35
154.7	15.86	207.9	135.9	35
141.8	11.19	188.1	128.6	35
134.5	7.40	164.8	124.0	35
129.9	6.00	152.5	119.4	35
126.1	5.40	145.6	115.4	35
119.2	4.39	132.2	108.8	35
107.7	3.75	116.9	97.2	34
98.6	3.52	107.8	89.3	33
90.3	2.80	95.9	83.1	33
83.3	2.39	87.4	76.9	32
77.4	2.15	81.2	71.8	32
72.4	1.73	75.6	68.3	32
67.9	1.69	70.6	64.2	32
60.3	1.47	62.8	57.2	31
52.2	1.63	55.8	49.4	22
42.5	.73	44.0	41.0	14
37.5	.58	38.3	36.6	9
34.5	.79	36.0	33.3	9
32.8	.40	33.3	32.2	7

STATION MP18 M A Y 1956 to 1998

DELTA D

PRESS	MEAN	S.D.	MAX	MIN	N
0	.000	.0000	.000	.000	35
10	.258	.0115	.290	.230	35
20	.513	.0230	.580	.460	35
30	.767	.0330	.850	.680	35
50	1.265	.0562	1.390	1.120	35
75	1.871	.0836	2.060	1.660	35
100	2.449	.1047	2.640	2.200	35
125	2.962	.1288	3.240	2.680	35
150	3.388	.1603	3.800	3.060	35
175	3.761	.1889	4.300	3.400	35
200	4.113	.2083	4.750	3.720	35
225	4.449	.2234	5.150	4.030	35
250	4.776	.2369	5.530	4.330	35
300	5.404	.2599	6.250	4.900	35
400	6.556	.2895	7.530	5.960	34
500	7.635	.3258	8.700	6.940	33
600	8.628	.3558	9.770	7.850	33
700	9.558	.3826	10.740	8.700	32
800	10.421	.4032	11.640	9.500	32
900	11.235	.4205	12.490	10.270	32
1000	12.007	.4359	13.280	11.000	32
1200	13.426	.4693	14.760	12.360	31
1500	15.377	.4620	16.240	14.200	22
2000	18.323	.4405	19.120	17.370	14
2500	20.811	.5345	21.650	19.830	9
3000	23.149	.5359	23.920	22.120	9
3500	25.483	.3298	25.970	24.990	7

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.00	.000	.00	.00	35
.01	.002	.02	.01	35
.05	.003	.06	.05	35
.12	.006	.13	.10	35
.32	.015	.35	.28	35
.71	.033	.78	.63	35
1.22	.055	1.32	1.09	35
1.81	.088	2.03	1.64	35
2.40	.143	2.82	2.17	35
3.02	.195	3.65	2.72	35
3.69	.237	4.50	3.33	35
4.42	.270	5.38	4.01	35
5.21	.304	6.30	4.73	35
6.97	.370	8.30	6.33	35
11.11	.498	12.87	10.13	34
16.04	.664	18.22	14.60	33
21.61	.840	24.21	19.70	33
27.74	1.012	30.65	25.35	32
34.34	1.182	37.52	31.48	32
41.39	1.347	44.84	38.10	32
48.86	1.504	52.52	45.20	32
64.83	1.885	69.06	60.46	31
91.54	2.370	95.37	85.71	22
142.29	3.744	146.59	136.66	14
198.62	3.680	203.93	193.01	9
265.13	4.099	270.61	257.19	9
341.87	3.544	347.56	336.69	7

OXYGEN

PRESS	MEAN	S.D.	MAX	MIN	N
0	6.93	.130	7.06	6.74	7
10	7.04	.067	7.13	6.95	7
20	7.08	.059	7.15	6.96	7
30	7.15	.179	7.44	6.98	7
50	7.08	.109	7.28	6.96	7
75	7.04	.129	7.32	6.94	7
100	6.56	.648	7.19	5.33	7
125	5.53	.873	7.00	4.40	7
150	4.69	.824	6.04	3.52	7
175	4.09	.810	5.44	3.11	7
200	3.73	.694	4.99	2.81	7
225	3.40	.690	4.69	2.46	7
250	3.11	.702	4.42	2.14	7
300	2.35	.432	3.13	1.76	7
400	1.55	.176	1.75	1.30	6
500	1.02	.085	1.12	.89	6
600	.72	.063	.78	.62	6
700	.57	.053	.63	.49	6
800	.46	.031	.49	.41	6
900	.43	.029	.45	.38	6
1000	.40	.043	.45	.35	6
1200	.44	.048	.50	.39	6
1500	.69	.055	.77	.63	6
2000	1.41	.068	1.53	1.37	5
2500	2.03	.053	2.09	1.97	4
3000	2.49	.065	2.58	2.43	4
3500	2.88	.052	2.96	2.85	4

SOUND

MEAN	S.D.	MAX	MIN	N
1479	3.2	1487	1473	35
1479	3.0	1487	1473	35
1478	2.7	1484	1472	35
1478	2.9	1484	1471	35
1477	3.0	1482	1470	35
1475	2.8	1480	1470	35
1475	2.6	1479	1470	35
1475	2.5	1479	1470	35
1475	2.2	1480	1471	35
1475	2.4	1481	1471	35
1475	2.4	1481	1470	35
1474	2.0	1480	1470	35
1474	2.1	1480	1469	35
1473	1.7	1479	1469	35
1473	1.1	1476	1471	34
1474	1.0	1476	1472	33
1475	.7	1476	1473	33
1476	.5	1476	1475	32
1476	.5	1477	1476	32
1477	.5	1478	1477	32
1478	.4	1479	1478	32
1480	.4	1481	1480	31
1484	.0	1484	1484	22
1490	.5	1491	1490	14
1498	.0	1498	1498	9
1506	.0	1506	1506	9
1514	.0	1514	1514	7

DELTA DH

PRESS	MEAN	S.D.	MAX	MIN	N
0	12.007	.4355	13.281	11.001	32
10	11.750	.4289	13.015	10.756	32
20	11.494	.4225	12.749	10.516	32
30	11.242	.4152	12.482	10.289	32
50	10.744	.4005	11.950	9.857	32
75	10.137	.3844	11.302	9.318	32
100	9.560	.3650	10.664	8.798	32
125	9.049	.3303	10.042	8.319	32
150	8.626	.2947	9.479	7.939	32
175	8.254	.2682	8.979	7.604	32
200	7.902	.2490	8.533	7.285	32
225	7.566	.2342	8.128	6.974	32
250	7.239	.2209	7.748	6.675	32
300	6.609	.1971	7.034	6.104	32
400	5.441	.1567	5.747	5.037	32
500	4.366	.1201	4.580	4.063	32
600	3.372	.0878	3.526	3.153	32
700	2.449	.0612	2.560	2.299	32
800	1.586	.0379	1.654	1.497	32
900	.771	.0176	.802	.733	32
1000	.000	.0000	.000	.000	32
1200	-1.427	.0349	-1.361	-1.488	31
1500	-3.364	.0777	-3.200	-3.480	22
2000	-6.203	.1122	-5.978	-6.419	14
2500	-8.709	.1522	-8.438	-8.937	9
3000	-11.046	.1711	-10.726	-11.324	9
3500	-13.372	.1530	-13.177	-13.648	7

STATION MP18 J U N E 1956 to 1990

TEMPERATURE

PRESS	MEAN	S.D.	MAX	MIN	N
0	10.09	.744	11.40	8.80	18
10	10.02	.714	11.12	8.58	18
20	9.81	.819	10.85	8.22	18
30	8.96	1.019	10.84	7.26	18
50	7.48	.681	8.39	5.96	18
75	6.60	.661	7.52	5.57	18
100	6.08	.587	7.15	5.25	18
125	5.93	.500	7.20	5.16	18
150	5.96	.477	7.24	5.38	18
175	5.78	.446	6.99	5.31	18
200	5.55	.448	6.85	5.13	18
225	5.29	.444	6.67	4.90	18
250	5.06	.453	6.46	4.62	18
300	4.71	.418	6.00	4.34	17
400	4.21	.234	4.95	3.96	15
500	3.98	.159	4.44	3.76	15
600	3.78	.135	4.13	3.59	15
700	3.58	.106	3.82	3.43	15
800	3.39	.094	3.63	3.27	15
900	3.20	.080	3.41	3.11	15
1000	3.03	.071	3.21	2.93	15
1200	2.72	.060	2.83	2.62	15
1500	2.35	.030	2.39	2.26	11
2000	1.95	.022	1.98	1.93	4
2500	1.72	.035	1.74	1.69	2
3000	1.59	n/a	n/a	n/a	1
3500	1.56	n/a	n/a	n/a	1

SALINITY

MEAN	S.D.	MAX	MIN	N
32.531	.1068	32.670	32.350	18
32.531	.1070	32.670	32.350	18
32.532	.1074	32.670	32.350	18
32.537	.1108	32.690	32.350	18
32.564	.1158	32.713	32.370	18
32.603	.1156	32.781	32.400	18
32.764	.1774	33.109	32.516	18
33.188	.2261	33.606	32.805	18
33.617	.1394	33.765	33.150	18
33.762	.0849	33.867	33.501	18
33.813	.0495	33.878	33.692	18
33.833	.0412	33.888	33.740	18
33.849	.0366	33.899	33.750	18
33.890	.0336	33.942	33.799	17
33.984	.0409	34.041	33.888	15
34.074	.0487	34.129	33.960	15
34.159	.0467	34.221	34.051	15
34.225	.0432	34.276	34.128	15
34.280	.0433	34.336	34.184	15
34.330	.0435	34.386	34.228	15
34.366	.0417	34.417	34.267	15
34.427	.0378	34.484	34.330	15
34.508	.0235	34.557	34.457	11
34.591	.0093	34.596	34.581	4
34.637	.0064	34.640	34.635	2
34.662	n/a	n/a	n/a	1
34.674	n/a	n/a	n/a	1

SIGMA T

PRESS	MEAN	S.D.	MAX	MIN	N
0	25.031	.1311	25.267	24.783	18
10	25.043	.1285	25.302	24.811	18
20	25.079	.1575	25.364	24.854	18
30	25.217	.2177	25.521	24.857	18
50	25.458	.1506	25.767	25.178	18
75	25.607	.1506	25.820	25.326	18
100	25.800	.1773	26.072	25.479	18
125	26.153	.1802	26.383	25.688	18
150	26.488	.1463	26.614	25.953	18
175	26.623	.1055	26.720	26.263	18
200	26.693	.0817	26.777	26.433	18
225	26.738	.0730	26.810	26.510	18
250	26.778	.0663	26.844	26.586	18
300	26.850	.0590	26.921	26.699	17
400	26.979	.0523	27.026	26.840	15
500	27.074	.0510	27.119	26.936	15
600	27.162	.0446	27.207	27.056	15
700	27.236	.0400	27.275	27.142	15
800	27.297	.0388	27.340	27.209	15
900	27.354	.0389	27.399	27.267	15
1000	27.399	.0371	27.438	27.314	15
1200	27.475	.0336	27.521	27.388	15
1500	27.571	.0197	27.611	27.528	11
2000	27.670	.0044	27.675	27.660	4
2500	27.725	.0051	27.725	27.725	2
3000	27.755	n/a	n/a	n/a	1
3500	27.766	n/a	n/a	n/a	1

SVA

MEAN	S.D.	MAX	MIN	N
293.7	12.48	317.3	271.2	18
292.7	12.23	314.8	268.1	18
289.5	14.69	311.0	262.4	18
276.5	20.77	310.9	247.6	18
253.8	14.37	280.5	224.3	18
239.9	14.38	266.6	219.5	18
221.7	16.92	252.4	195.9	18
188.5	17.08	232.9	167.0	18
157.1	13.96	208.2	145.0	18
144.5	10.15	179.2	135.3	18
138.2	7.93	163.4	130.0	18
134.0	7.12	156.3	127.1	18
130.4	6.49	149.3	124.0	18
123.9	5.86	139.1	117.0	17
112.2	5.11	126.0	107.8	15
103.9	4.93	117.4	99.7	15
96.1	4.30	106.6	92.0	15
89.8	3.86	98.9	86.0	15
84.4	3.74	93.1	80.4	15
79.4	3.74	87.7	75.2	15
75.4	3.56	83.5	71.8	15
68.7	3.22	77.1	64.5	15
60.1	1.87	64.3	56.5	11
51.5	.75	52.6	51.0	4
47.0	.28	47.2	46.8	2
45.0	n/a	n/a	n/a	1
45.2	n/a	n/a	n/a	1

THETA

PRESS	MEAN	S.D.	MAX	MIN	N
0	10.09	.744	11.40	8.80	18
10	10.02	.714	11.12	8.58	18
20	9.81	.819	10.85	8.22	18
30	8.96	1.020	10.84	7.26	18
50	7.48	.679	8.38	5.96	18
75	6.59	.661	7.51	5.56	18
100	6.07	.587	7.14	5.24	18
125	5.92	.500	7.19	5.15	18
150	5.95	.478	7.23	5.37	18
175	5.77	.447	6.98	5.30	18
200	5.53	.448	6.83	5.11	18
225	5.28	.443	6.65	4.88	18
250	5.04	.452	6.44	4.60	18
300	4.69	.416	5.97	4.32	17
400	4.18	.234	4.92	3.93	15
500	3.95	.157	4.40	3.73	15
600	3.74	.135	4.09	3.55	15
700	3.53	.106	3.77	3.38	15
800	3.34	.095	3.57	3.21	15
900	3.14	.080	3.35	3.05	15
1000	2.96	.071	3.14	2.86	15
1200	2.64	.060	2.75	2.54	15
1500	2.25	.030	2.29	2.18	11
2000	1.81	.022	1.84	1.79	4
2500	1.53	.035	1.56	1.51	2
3000	1.36	n/a	n/a	n/a	1
3500	1.29	n/a	n/a	n/a	1

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
293.7	12.48	317.3	271.2	18
292.5	12.22	314.6	267.9	18
289.1	14.95	310.3	262.0	18
276.0	20.72	310.3	247.1	18
253.1	14.33	279.7	223.7	18
238.9	14.30	265.5	218.6	18
220.5	16.84	251.0	194.6	18
186.9	17.10	231.0	165.1	18
155.1	13.86	205.8	143.2	18
142.2	10.00	176.4	133.0	18
135.6	7.77	160.3	127.6	18
131.3	6.92	152.9	124.5	18
127.5	6.26	145.6	121.2	18
120.6	5.59	134.9	114.0	17
108.4	4.94	121.5	103.9	15
99.3	4.81	112.3	95.0	15
90.9	4.22	100.9	86.6	15
83.9	3.78	92.7	80.2	15
78.0	3.66	86.3	73.9	15
72.6	3.68	80.8	68.3	15
68.2	3.51	76.5	64.5	15
61.0	3.17	69.2	56.6	15
51.7	1.86	55.8	48.0	11
42.2	.64	43.1	41.7	4
36.7	.00	36.7	36.7	2
33.6	n/a	n/a	n/a	1
32.3	n/a	n/a	n/a	1

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DELTA D

PRESS	MEAN	S.D.	MAX	MIN	N
0	.000	.0000	.000	.000	18
10	.294	.0129	.320	.270	18
20	.586	.0257	.630	.540	18
30	.872	.0444	.950	.790	18
50	1.401	.0704	1.530	1.280	18
75	2.018	.0997	2.180	1.870	18
100	2.590	.1324	2.820	2.400	18
125	3.106	.1528	3.410	2.910	18
150	3.534	.1711	3.960	3.350	18
175	3.909	.1929	4.450	3.700	18
200	4.262	.2075	4.870	4.040	18
225	4.602	.2213	5.270	4.360	18
250	4.932	.2353	5.650	4.680	18
300	5.582	.2583	6.370	5.290	17
400	6.749	.3199	7.690	6.410	15
500	7.825	.3649	8.910	7.450	15
600	8.826	.4024	10.020	8.430	15
700	9.755	.4396	11.050	9.330	15
800	10.625	.4714	12.000	10.180	15
900	11.443	.5068	12.910	10.970	15
1000	12.215	.5408	13.760	11.710	15
1200	13.655	.6018	15.330	13.100	15
1500	15.375	.2861	15.970	14.930	11
2000	18.215	.1259	18.390	18.090	4
2500	20.705	.2192	20.860	20.550	2
3000	22.840	n/a	n/a	n/a	1
3500	25.100	n/a	n/a	n/a	1

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.00	.000	.00	.00	18
.01	.005	.02	.01	18
.06	.002	.06	.05	18
.13	.008	.15	.12	18
.35	.019	.38	.32	18
.74	.040	.80	.67	18
1.25	.069	1.37	1.15	18
1.84	.101	2.06	1.72	18
2.44	.139	2.84	2.28	18
3.06	.179	3.64	2.88	18
3.74	.212	4.45	3.51	18
4.47	.245	5.31	4.22	18
5.27	.281	6.24	4.98	18
7.07	.360	8.26	6.67	17
11.23	.554	12.94	10.67	15
16.17	.777	18.52	15.45	15
21.77	1.020	24.77	20.91	15
27.92	1.276	31.55	26.87	15
34.57	1.553	38.87	33.28	15
41.66	1.863	46.68	40.01	15
49.14	2.212	54.96	47.11	15
65.26	2.948	72.56	62.29	15
90.67	1.871	94.70	87.08	11
140.56	.436	140.83	139.91	4
196.72	.440	197.03	196.41	2
261.31	n/a	n/a	n/a	1
336.09	n/a	n/a	n/a	1

OXYGEN

PRESS	MEAN	S.D.	MAX	MIN	N
0	n/a	n/a	n/a	n/a	0
10	n/a	n/a	n/a	n/a	0
20	n/a	n/a	n/a	n/a	0
30	n/a	n/a	n/a	n/a	0
50	n/a	n/a	n/a	n/a	0
75	n/a	n/a	n/a	n/a	0
100	n/a	n/a	n/a	n/a	0
125	n/a	n/a	n/a	n/a	0
150	n/a	n/a	n/a	n/a	0
175	n/a	n/a	n/a	n/a	0
200	n/a	n/a	n/a	n/a	0
225	n/a	n/a	n/a	n/a	0
250	n/a	n/a	n/a	n/a	0
300	n/a	n/a	n/a	n/a	0
400	n/a	n/a	n/a	n/a	0
500	n/a	n/a	n/a	n/a	0
600	n/a	n/a	n/a	n/a	0
700	n/a	n/a	n/a	n/a	0
800	n/a	n/a	n/a	n/a	0
900	n/a	n/a	n/a	n/a	0
1000	n/a	n/a	n/a	n/a	0
1200	n/a	n/a	n/a	n/a	0
1500	n/a	n/a	n/a	n/a	0
2000	n/a	n/a	n/a	n/a	0
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0
3500	n/a	n/a	n/a	n/a	0

SOUND

MEAN	S.D.	MAX	MIN	N
1488	2.7	1492	1483	18
1487	2.6	1491	1482	18
1487	3.0	1491	1481	18
1484	3.8	1491	1477	18
1479	2.7	1482	1473	18
1476	2.6	1479	1471	18
1474	2.3	1478	1471	18
1474	2.0	1479	1471	18
1476	1.9	1480	1473	18
1475	1.7	1480	1473	18
1475	1.8	1480	1473	18
1474	1.8	1480	1473	18
1474	1.8	1479	1472	18
1473	1.7	1478	1472	17
1473	1.0	1476	1472	15
1474	.6	1475	1473	15
1475	.6	1476	1474	15
1476	.5	1476	1475	15
1476	.5	1477	1476	15
1477	.4	1478	1477	15
1478	.3	1479	1478	15
1480	.5	1481	1480	15
1484	.0	1484	1484	11
1490	.5	1491	1490	4
1498	.0	1498	1498	2
1506	n/a	n/a	n/a	1
1514	n/a	n/a	n/a	1

DELTA DH

PRESS	MEAN	S.D.	MAX	MIN	N
0	12.216	.5406	13.762	11.713	15
10	11.922	.5339	13.457	11.426	15
20	11.629	.5271	13.143	11.139	15
30	11.344	.5157	12.834	10.869	15
50	10.815	.4977	12.269	10.361	15
75	10.196	.4757	11.601	9.768	15
100	9.617	.4525	10.961	9.229	15
125	9.099	.4372	10.354	8.747	15
150	8.668	.4122	9.800	8.349	15
175	8.293	.3834	9.314	7.982	15
200	7.941	.3618	8.889	7.635	15
225	7.603	.3439	8.492	7.302	15
250	7.274	.3271	8.110	6.977	15
300	6.641	.2978	7.388	6.353	15
400	5.468	.2466	6.073	5.219	15
500	4.390	.1954	4.855	4.195	15
600	3.390	.1511	3.739	3.235	15
700	2.462	.1113	2.716	2.346	15
800	1.591	.0738	1.758	1.510	15
900	.773	.0373	.858	.733	15
1000	.000	.0000	.000	.000	15
1200	-1.438	.0691	-1.355	-1.605	15
1500	-3.332	.0825	-3.160	-3.493	11
2000	-6.122	.0273	-6.097	-6.160	4
2500	-8.588	.0360	-8.562	-8.613	2
3000	-10.905	n/a	n/a	n/a	1
3500	-13.163	n/a	n/a	n/a	1

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TEMPERATURE

PRESS	MEAN	S.D.	MAX	MIN	N
0	11.12	.667	12.13	10.03	12
10	11.03	.646	12.12	10.03	12
20	10.75	.723	12.10	9.73	12
30	9.97	.828	11.34	8.80	12
50	8.12	1.153	10.00	6.67	12
75	6.90	.693	8.28	5.92	12
100	6.54	.839	7.83	5.36	12
125	6.38	.888	7.88	5.16	12
150	6.20	.940	7.88	4.97	12
175	6.04	.958	7.80	4.91	12
200	5.77	1.049	7.76	4.57	12
225	5.54	1.077	7.67	4.34	12
250	5.36	1.097	7.57	4.14	12
300	5.09	.999	7.13	3.91	12
400	4.54	.645	5.87	3.91	12
500	4.18	.424	5.12	3.70	12
600	3.89	.263	4.41	3.56	12
700	3.67	.227	4.14	3.41	12
800	3.46	.175	3.80	3.28	12
900	3.26	.136	3.53	3.11	12
1000	3.07	.120	3.31	2.94	12
1200	2.77	.107	2.93	2.65	10
1500	2.38	.073	2.48	2.32	8
2000	1.93	.037	1.98	1.89	4
2500	1.70	.015	1.72	1.69	3
3000	1.58	.000	1.58	1.58	3
3500	1.55	.006	1.56	1.55	3

SALINITY

MEAN	S.D.	MAX	MIN	N
32.511	.0761	32.685	32.435	12
32.506	.0710	32.656	32.436	12
32.511	.0674	32.645	32.436	12
32.532	.0667	32.652	32.429	12
32.586	.0681	32.710	32.508	12
32.704	.1901	33.155	32.516	12
32.904	.3832	33.594	32.548	12
33.301	.3047	33.713	32.858	12
33.623	.1570	33.798	33.334	12
33.770	.0639	33.852	33.668	12
33.811	.0432	33.874	33.736	12
33.838	.0334	33.880	33.781	12
33.859	.0261	33.905	33.812	12
33.908	.0253	33.967	33.865	12
33.992	.0303	34.048	33.947	12
34.075	.0415	34.139	33.994	12
34.152	.0406	34.213	34.081	12
34.215	.0406	34.269	34.129	12
34.276	.0354	34.317	34.211	12
34.322	.0343	34.368	34.265	12
34.367	.0345	34.420	34.315	12
34.428	.0249	34.455	34.391	10
34.496	.0144	34.517	34.477	8
34.588	.0088	34.601	34.577	4
34.634	.0069	34.640	34.626	3
34.660	.0081	34.667	34.654	3
34.676	.0000	34.682	34.668	3

SIGMA T

PRESS	MEAN	S.D.	MAX	MIN	N
0	24.839	.1287	25.126	24.664	12
10	24.851	.1298	25.127	24.666	12
20	24.905	.1394	25.130	24.670	12
30	25.053	.1422	25.241	24.783	12
50	25.380	.1647	25.635	25.086	12
75	25.646	.1579	25.922	25.308	12
100	25.850	.2545	26.256	25.417	12
125	26.182	.1902	26.453	25.833	12
150	26.458	.1182	26.631	26.286	12
175	26.594	.1063	26.691	26.379	12
200	26.659	.1235	26.759	26.399	12
225	26.708	.1292	26.808	26.429	12
250	26.747	.1318	26.851	26.461	12
300	26.818	.1205	26.916	26.563	12
400	26.948	.0898	27.027	26.763	12
500	27.054	.0757	27.123	26.887	12
600	27.145	.0564	27.199	27.035	12
700	27.218	.0528	27.266	27.102	12
800	27.286	.0432	27.331	27.202	12
900	27.343	.0378	27.383	27.275	12
1000	27.396	.0360	27.441	27.333	12
1200	27.472	.0283	27.497	27.428	10
1500	27.559	.0179	27.581	27.535	8
2000	27.669	.0113	27.682	27.656	4
2500	27.724	.0078	27.730	27.717	3
3000	27.753	.0059	27.759	27.748	3
3500	27.768	.0024	27.772	27.762	3

SVA

MEAN	S.D.	MAX	MIN	N
312.0	12.25	328.7	284.7	12
311.0	12.35	328.7	284.8	12
306.1	13.32	328.6	284.7	12
292.2	13.58	318.0	274.3	12
261.3	15.76	289.4	236.9	12
236.2	15.03	268.5	210.1	12
217.1	24.09	256.5	178.5	12
185.9	17.99	219.2	160.3	12
160.0	11.34	176.2	143.5	12
147.4	10.40	168.4	138.1	12
141.5	12.14	166.9	131.4	12
137.0	12.78	164.5	126.9	12
133.5	13.08	161.8	123.0	12
127.2	12.08	152.7	117.0	12
115.5	9.08	134.2	107.4	12
106.0	7.59	122.8	99.0	12
98.0	5.64	109.9	92.4	12
91.5	5.32	103.2	86.6	12
85.5	4.37	94.1	81.0	12
80.6	3.80	87.4	76.5	12
75.9	3.61	82.3	71.5	12
69.2	2.92	73.7	66.5	10
61.4	1.86	63.9	59.2	8
51.5	1.15	52.9	50.1	4
47.1	.61	47.6	46.4	3
45.1	.45	45.5	44.6	3
44.9	.42	45.4	44.6	3

THETA

PRESS	MEAN	S.D.	MAX	MIN	N
0	11.12	.667	12.13	10.03	12
10	11.03	.646	12.12	10.03	12
20	10.74	.724	12.10	9.73	12
30	9.97	.825	11.34	8.80	12
50	8.11	1.149	9.99	6.67	12
75	6.89	.692	8.27	5.91	12
100	6.53	.839	7.82	5.35	12
125	6.37	.886	7.87	5.15	12
150	6.19	.938	7.86	4.96	12
175	6.03	.958	7.79	4.89	12
200	5.76	1.048	7.74	4.56	12
225	5.52	1.074	7.65	4.33	12
250	5.34	1.096	7.55	4.13	12
300	5.06	.996	7.10	3.89	12
400	4.51	.644	5.84	3.88	12
500	4.14	.424	5.08	3.66	12
600	3.85	.261	4.37	3.52	12
700	3.62	.227	4.09	3.36	12
800	3.40	.174	3.74	3.22	12
900	3.19	.135	3.46	3.05	12
1000	3.00	.120	3.24	2.87	12
1200	2.68	.105	2.84	2.57	10
1500	2.29	.073	2.38	2.22	8
2000	1.80	.038	1.85	1.76	4
2500	1.52	.015	1.54	1.51	3
3000	1.36	.000	1.36	1.36	3
3500	1.28	.006	1.29	1.28	3

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
312.0	12.25	328.7	284.7	12
310.8	12.35	328.5	284.6	12
305.7	13.28	328.1	284.3	12
291.6	13.53	317.3	273.7	12
260.4	15.65	288.4	236.2	12
235.1	15.00	267.2	208.9	12
215.8	24.17	255.0	177.2	12
184.2	18.08	217.3	158.4	12
158.0	11.19	174.3	141.6	12
145.0	10.05	165.3	135.8	12
138.9	11.69	163.4	129.3	12
134.1	12.22	160.5	124.7	12
130.5	12.44	157.4	120.7	12
123.7	11.39	147.8	114.4	12
111.3	8.48	128.7	103.8	12
101.2	7.13	116.9	94.7	12
92.5	5.32	102.9	87.4	12
85.5	5.00	96.5	81.0	12
79.0	4.09	87.0	74.8	12
73.6	3.57	80.0	69.9	12
68.6	3.40	74.5	64.3	12
61.3	2.67	65.4	58.9	10
52.9	1.65	55.1	50.8	8
42.3	1.03	43.5	41.0	4
36.9	.60	37.5	36.3	3
33.8	.50	34.3	33.3	3
32.1	.47	32.6	31.7	3

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DELTA D

PRESS	MEAN	S.D.	MAX	MIN	N
0	.000	.0000	.000	.000	12
10	.312	.0147	.330	.280	12
20	.622	.0248	.660	.570	12
30	.924	.0365	.980	.850	12
50	1.478	.0524	1.580	1.390	12
75	2.100	.0838	2.270	1.990	12
100	2.658	.1209	2.860	2.500	12
125	3.165	.1695	3.470	2.930	12
150	3.595	.1895	3.950	3.320	12
175	3.978	.1895	4.350	3.690	12
200	4.337	.1846	4.720	4.050	12
225	4.684	.1810	5.070	4.400	12
250	5.022	.1802	5.400	4.740	12
300	5.673	.2001	6.050	5.390	12
400	6.883	.2596	7.300	6.620	12
500	7.993	.3215	8.570	7.680	12
600	9.013	.3745	9.710	8.670	12
700	9.960	.4209	10.750	9.590	12
800	10.848	.4609	11.720	10.460	12
900	11.673	.4946	12.620	11.270	12
1000	12.459	.5269	13.470	12.040	12
1200	13.889	.6170	15.030	13.440	10
1500	15.902	.7509	17.080	15.330	8
2000	18.608	.9296	20.000	18.080	4
2500	20.597	.0874	20.670	20.500	3
3000	22.900	.1113	23.000	22.780	3
3500	25.160	.1354	25.290	25.020	3

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.00	.000	.00	.00	12
.02	.003	.02	.01	12
.06	.005	.07	.06	12
.14	.005	.15	.13	12
.37	.014	.39	.35	12
.76	.037	.83	.72	12
1.26	.075	1.40	1.15	12
1.84	.134	2.10	1.63	12
2.44	.163	2.77	2.18	12
3.07	.170	3.43	2.79	12
3.76	.172	4.13	3.48	12
4.52	.194	4.89	4.23	12
5.33	.239	5.71	5.06	12
7.16	.381	7.86	6.82	12
11.48	.723	12.94	10.91	12
16.56	1.087	18.82	15.69	12
22.28	1.431	25.24	21.05	12
28.55	1.782	32.22	26.97	12
35.31	2.136	39.74	33.40	12
42.49	2.472	47.57	40.27	12
50.08	2.804	55.75	47.53	12
66.37	3.750	73.06	63.20	10
93.92	4.935	101.23	89.49	8
142.81	6.751	152.91	139.03	4
195.68	1.116	196.70	194.49	3
260.31	1.867	262.11	258.38	3
335.14	2.643	337.85	332.57	3

OXYGEN

PRESS	MEAN	S.D.	MAX	MIN	N
0	6.60	.217	6.76	6.35	3
10	6.63	.168	6.76	6.44	3
20	6.66	.199	6.78	6.43	3
30	6.84	.185	7.03	6.66	3
50	6.86	.282	7.07	6.54	3
75	6.42	.978	7.04	5.29	3
100	5.41	2.182	6.69	2.89	3
125	4.49	1.802	5.79	2.43	3
150	3.77	1.244	4.65	2.35	3
175	3.43	1.011	4.10	2.35	3
200	3.25	.867	3.78	2.25	3
225	3.05	.713	3.58	2.24	3
250	2.84	.564	3.36	2.24	3
300	2.45	.349	2.85	2.24	3
400	1.83	.087	1.93	1.76	3
500	1.21	.051	1.27	1.17	3
600	.86	.061	.90	.79	3
700	.67	.081	.73	.58	3
800	.55	.045	.59	.50	3
900	.48	.031	.51	.45	3
1000	.44	.006	.44	.43	3
1200	.43	.023	.46	.42	3
1500	.70	.062	.75	.63	3
2000	1.30	n/a	n/a	n/a	1
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0
3500	n/a	n/a	n/a	n/a	0

SOUND

MEAN	S.D.	MAX	MIN	N
1491	2.5	1495	1487	12
1491	2.3	1495	1488	12
1490	2.7	1495	1486	12
1488	2.9	1492	1483	12
1481	4.5	1488	1475	12
1477	2.9	1482	1473	12
1476	3.7	1482	1471	12
1476	3.9	1483	1471	12
1476	3.8	1483	1471	12
1477	3.7	1483	1472	12
1476	4.4	1484	1471	12
1475	4.5	1484	1470	12
1475	4.5	1484	1470	12
1475	4.1	1483	1470	12
1474	2.7	1480	1472	12
1475	1.7	1478	1473	12
1475	1.1	1477	1474	12
1476	1.0	1478	1475	12
1477	.8	1478	1476	12
1478	.7	1479	1477	12
1478	.5	1479	1478	12
1481	.5	1481	1480	10
1484	.0	1484	1484	8
1490	.5	1491	1490	4
1498	.0	1498	1498	3
1506	.0	1506	1506	3
1514	.0	1514	1514	3

DELTA DH

PRESS	MEAN	S.D.	MAX	MIN	N
0	12.459	.5274	13.473	12.037	12
10	12.146	.5312	13.170	11.711	12
20	11.836	.5345	12.871	11.401	12
30	11.534	.5386	12.578	11.106	12
50	10.982	.5401	12.043	10.528	12
75	10.360	.5416	11.462	9.919	12
100	9.799	.5662	10.974	9.356	12
125	9.293	.5946	10.531	8.790	12
150	8.865	.5943	10.097	8.334	12
175	8.483	.5750	9.672	7.959	12
200	8.122	.5480	9.253	7.620	12
225	7.775	.5172	8.839	7.297	12
250	7.437	.4854	8.431	6.985	12
300	6.786	.4231	7.644	6.386	12
400	5.575	.3209	6.222	5.264	12
500	4.466	.2396	4.936	4.233	12
600	3.445	.1763	3.787	3.279	12
700	2.498	.1228	2.733	2.372	12
800	1.613	.0758	1.750	1.533	12
900	.784	.0368	.849	.744	12
1000	.000	.0000	.000	.000	12
1200	-1.440	.0723	-1.351	-1.557	10
1500	-3.422	.1401	-3.296	-3.610	8
2000	-6.198	.2196	-6.040	-6.523	4
2500	-8.544	.0720	-8.461	-8.593	3
3000	-10.849	.0977	-10.740	-10.928	3
3500	-13.108	.1187	-12.980	-13.214	3

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TEMPERATURE

PRESS	MEAN	S.D.	MAX	MIN	N
0	14.50	1.097	15.99	12.20	26
10	14.45	1.045	15.96	12.32	26
20	13.52	1.516	15.96	9.82	26
30	11.26	1.496	13.76	8.10	26
50	8.27	1.098	10.55	6.09	26
75	6.89	.679	8.10	5.50	26
100	6.37	.665	7.57	5.22	26
125	6.02	.531	6.97	5.04	26
150	5.86	.521	6.73	4.95	26
175	5.72	.516	6.62	4.94	26
200	5.53	.456	6.42	4.66	26
225	5.26	.414	6.17	4.43	26
250	5.03	.395	5.85	4.26	26
300	4.62	.323	5.35	3.81	25
400	4.19	.219	4.63	3.72	25
500	3.97	.143	4.22	3.65	25
600	3.77	.103	3.96	3.58	25
700	3.57	.101	3.73	3.38	25
800	3.38	.087	3.52	3.23	25
900	3.20	.076	3.33	3.07	25
1000	3.04	.063	3.13	2.91	25
1200	2.72	.044	2.80	2.64	25
1500	2.35	.034	2.41	2.31	14
2000	1.94	.030	1.98	1.91	7
2500	1.71	.018	1.73	1.69	4
3000	1.59	.006	1.59	1.58	3
3500	1.55	.032	1.57	1.51	3

SALINITY

MEAN	S.D.	MAX	MIN	N
32.450	.1674	32.836	32.030	26
32.439	.1518	32.670	32.027	26
32.448	.1560	32.682	32.051	26
32.511	.1025	32.679	32.276	26
32.590	.1041	32.862	32.423	26
32.664	.1176	32.996	32.502	26
32.861	.2694	33.897	32.524	26
33.204	.2735	33.934	32.828	26
33.546	.1698	33.879	33.216	26
33.738	.0869	33.887	33.580	26
33.817	.0494	33.901	33.706	26
33.841	.0391	33.908	33.757	26
33.862	.0381	33.945	33.770	26
33.896	.0342	33.976	33.801	25
33.985	.0244	34.038	33.943	25
34.078	.0241	34.120	34.037	25
34.159	.0239	34.198	34.118	25
34.227	.0211	34.260	34.187	25
34.282	.0217	34.319	34.242	25
34.331	.0219	34.375	34.302	25
34.369	.0201	34.416	34.338	25
34.432	.0223	34.485	34.397	25
34.507	.0206	34.567	34.480	14
34.587	.0140	34.603	34.566	7
34.628	.0102	34.645	34.617	4
34.651	.0179	34.673	34.637	3
34.668	.0185	34.690	34.654	3

SIGMA T

PRESS	MEAN	S.D.	MAX	MIN	N
0	24.133	.3036	24.895	23.640	26
10	24.135	.2809	24.592	23.645	26
20	24.327	.3841	25.172	23.672	26
30	24.806	.3049	25.417	24.277	26
50	25.361	.1967	25.734	24.873	26
75	25.816	.1378	25.906	25.330	26
100	25.839	.2323	26.519	25.470	26
125	26.154	.2014	26.633	25.893	26
150	26.443	.1180	26.694	26.236	26
175	26.612	.0650	26.739	26.476	26
200	26.698	.0422	26.767	26.580	26
225	26.749	.0350	26.820	26.662	26
250	26.792	.0303	26.859	26.719	26
300	26.866	.0239	26.911	26.814	25
400	26.993	.0276	27.044	26.922	25
500	27.079	.0293	27.133	27.021	25
600	27.164	.0264	27.209	27.118	25
700	27.238	.0228	27.272	27.197	25
800	27.299	.0214	27.337	27.262	25
900	27.355	.0206	27.400	27.323	25
1000	27.401	.0189	27.450	27.373	25
1200	27.479	.0194	27.528	27.450	25
1500	27.571	.0182	27.632	27.548	14
2000	27.667	.0124	27.682	27.648	7
2500	27.718	.0104	27.732	27.707	4
3000	27.746	.0152	27.763	27.734	3
3500	27.762	.0169	27.782	27.749	3

SVA

MEAN	S.D.	MAX	MIN	N
379.3	28.94	426.3	306.7	26
379.4	26.80	426.1	335.7	26
361.3	36.65	423.8	280.7	26
315.7	29.10	366.3	257.4	26
263.1	18.82	309.8	227.4	26
239.0	13.17	266.4	211.5	26
218.1	22.08	253.3	153.6	26
188.4	19.06	213.3	143.2	26
161.3	11.16	181.0	137.6	26
145.5	6.23	158.8	133.6	26
137.6	4.14	149.3	131.1	26
133.0	3.47	141.7	126.2	26
129.0	3.03	136.4	122.7	26
122.4	2.42	127.6	117.9	25
111.9	2.78	118.0	105.7	25
103.4	2.89	109.2	98.0	25
96.0	2.61	100.5	91.5	25
89.5	2.27	93.6	86.0	25
84.2	2.09	87.8	80.5	25
79.3	2.02	82.5	74.9	25
75.2	1.84	77.9	70.4	25
68.4	1.86	71.2	63.6	25
60.2	1.73	62.3	55.3	14
51.7	1.27	53.5	50.2	7
47.6	1.03	48.7	46.5	4
45.8	1.38	46.8	44.3	3
45.4	1.81	46.7	43.3	3

THETA

PRESS	MEAN	S.D.	MAX	MIN	N
0	14.50	1.097	15.99	12.20	26
10	14.45	1.045	15.96	12.32	26
20	13.52	1.516	15.96	9.82	26
30	11.35	1.496	13.76	8.09	26
50	8.26	1.095	10.54	6.09	26
75	6.88	.680	8.09	5.49	26
100	6.36	.664	7.56	5.21	26
125	6.01	.531	6.96	5.03	26
150	5.85	.520	6.72	4.94	26
175	5.70	.515	6.61	4.92	26
200	5.51	.455	6.40	4.65	26
225	5.24	.413	6.15	4.42	26
250	5.01	.395	5.83	4.24	26
300	4.60	.322	5.33	3.79	25
400	4.16	.218	4.60	3.69	25
500	3.93	.142	4.19	3.62	25
600	3.73	.102	3.92	3.54	25
700	3.52	.101	3.68	3.33	25
800	3.33	.084	3.46	3.18	25
900	3.14	.075	3.27	3.01	25
1000	2.97	.063	3.06	2.84	25
1200	2.64	.044	2.72	2.56	25
1500	2.25	.035	2.30	2.20	14
2000	1.80	.029	1.84	1.77	7
2500	1.53	.022	1.56	1.51	4
3000	1.36	.006	1.37	1.36	3
3500	1.28	.032	1.30	1.24	3

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
379.3	28.94	426.3	306.7	26
379.1	26.79	425.8	335.5	26
360.7	36.59	423.2	280.3	26
315.1	29.02	365.8	256.9	26
262.2	18.91	308.2	226.8	26
237.8	13.10	265.2	210.4	26
216.8	22.05	251.8	152.2	26
186.8	19.11	211.6	141.4	26
159.3	11.17	179.0	135.6	26
143.3	6.16	156.2	131.3	26
135.1	3.98	146.3	128.6	26
130.3	3.30	138.5	123.5	26
126.2	2.85	133.0	119.8	26
119.5	2.27	124.0	114.9	25
108.8	2.61	113.2	102.2	25
98.8	2.77	104.3	93.7	25
90.8	2.50	95.0	86.4	25
83.7	2.15	87.5	80.5	25
77.8	2.01	81.3	74.2	25
72.5	1.95	75.5	68.2	25
68.1	1.77	70.7	63.5	25
60.6	1.83	63.4	55.9	25
51.8	1.71	53.9	46.9	14
44.4	1.23	44.2	41.0	7
37.4	.96	38.4	36.1	4
34.5	1.42	35.6	32.9	3
32.7	1.64	33.9	30.8	3

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DELTA D

PRESS	MEAN	S.D.	MAX	MIN	N
0	.000	.0000	.000	.000	26
10	.380	.0280	.430	.320	26
20	.757	.0563	.860	.670	26
30	1.098	.0842	1.260	.950	26
50	1.673	.1166	1.890	1.470	26
75	2.297	.1446	2.580	2.050	26
100	2.865	.1685	3.230	2.600	26
125	3.373	.1934	3.790	3.020	26
150	3.810	.2104	4.230	3.420	26
175	4.191	.2226	4.610	3.790	26
200	4.544	.2284	4.970	4.140	26
225	4.882	.2318	5.310	4.470	26
250	5.206	.2354	5.650	4.780	26
300	5.828	.2413	6.280	5.380	22
400	6.997	.2505	7.470	6.520	22
500	8.076	.2757	8.570	7.570	22
600	9.072	.2920	9.600	8.540	22
700	9.999	.3059	10.560	9.460	22
800	10.865	.3185	11.430	10.310	22
900	11.683	.3299	12.270	11.130	22
1000	12.455	.3425	13.070	11.870	22
1200	13.890	.3675	14.540	13.250	22
1500	15.846	.3462	16.510	15.150	14
2000	18.657	.3136	19.070	18.220	7
2500	21.255	.4403	21.630	20.620	4
3000	23.533	.5880	24.020	22.880	3
3500	25.810	.6630	26.350	25.070	3

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.00	.000	.00	.00	26
.02	.000	.02	.02	26
.08	.007	.09	.07	26
.16	.013	.19	.14	26
.40	.029	.45	.34	26
.80	.048	.90	.71	26
1.30	.077	1.48	1.17	26
1.88	.122	2.12	1.60	26
2.49	.164	2.74	2.09	26
3.13	.191	3.38	2.65	26
3.80	.206	4.06	3.28	26
4.53	.218	4.81	3.97	26
5.32	.228	5.65	4.73	26
7.07	.243	7.40	6.41	22
11.23	.293	11.66	10.47	22
16.16	.402	16.72	15.29	22
21.75	.533	22.55	20.75	22
27.88	.673	28.98	26.80	22
34.51	.813	35.88	33.16	22
41.59	.965	43.18	39.94	22
49.06	1.130	50.86	47.18	22
65.13	1.500	67.41	62.66	22
91.74	2.134	94.60	87.08	14
141.76	2.615	145.56	137.65	7
199.54	4.893	204.47	192.75	4
264.81	7.897	271.23	255.99	3
340.23	10.349	348.29	328.56	3

OXYGEN

PRESS	MEAN	S.D.	MAX	MIN	N
0	5.99	.462	6.48	5.24	5
10	6.05	.134	6.21	5.85	5
20	6.24	.283	6.59	5.94	5
30	6.80	.078	6.88	6.67	5
50	6.82	.277	7.05	6.37	5
75	6.56	.457	6.98	5.81	5
100	6.09	.828	6.84	5.18	5
125	5.39	.906	6.30	4.23	5
150	4.67	.853	5.43	3.48	5
175	4.22	.480	4.69	3.52	5
200	3.85	.386	4.42	3.49	5
225	3.45	.397	4.10	3.12	5
250	3.08	.367	3.69	2.85	5
300	2.45	.262	2.85	2.15	5
400	1.64	.230	2.01	1.47	5
500	1.13	.141	1.28	.95	5
600	.84	.058	.90	.77	5
700	.63	.051	.69	.55	5
800	.48	.068	.54	.37	5
900	.44	.027	.46	.39	5
1000	.40	.029	.42	.36	5
1200	.49	.137	.70	.32	5
1500	.68	.074	.76	.59	4
2000	1.34	.052	1.40	1.31	3
2500	1.97	.000	1.97	1.97	2
3000	2.45	.021	2.46	2.43	2
3500	2.77	.028	2.79	2.75	2

SOUND

MEAN	S.D.	MAX	MIN	N
1503	3.6	1507	1495	26
1503	3.3	1507	1495	26
1500	3.1	1508	1487	26
1492	3.2	1501	1481	26
1487	4.5	1490	1473	26
1477	2.9	1481	1471	26
1475	2.6	1480	1471	26
1475	2.4	1479	1471	26
1475	2.3	1479	1471	26
1475	2.3	1479	1472	26
1475	1.9	1478	1471	26
1474	1.8	1478	1471	26
1474	1.7	1477	1470	26
1473	1.5	1476	1469	26
1473	1.3	1475	1471	22
1474	.7	1475	1472	22
1475	.5	1475	1474	22
1476	.5	1476	1475	22
1476	.5	1477	1476	22
1477	.5	1478	1477	22
1478	.4	1479	1478	22
1480	.4	1481	1480	22
1484	.0	1484	1484	14
1490	.5	1491	1490	7
1498	.0	1498	1498	4
1506	.0	1506	1506	3
1514	.0	1514	1514	3

DELTA DH

PRESS	MEAN	S.D.	MAX	MIN	N
0	12.456	.3424	13.069	11.874	22
10	12.076	.3288	12.664	11.492	22
20	11.698	.3154	12.258	11.121	22
30	11.357	.2974	11.860	10.759	22
50	10.779	.2744	11.207	10.189	22
75	10.152	.2585	10.565	9.578	22
100	9.586	.2307	9.994	9.142	22
125	9.079	.2063	9.454	8.761	22
150	8.646	.1946	8.989	8.326	22
175	8.266	.1877	8.614	7.946	22
200	7.915	.1817	8.255	7.602	22
225	7.579	.1757	7.906	7.272	22
250	7.252	.1699	7.567	6.954	22
300	6.625	.1593	6.914	6.344	22
400	5.456	.1359	5.688	5.228	22
500	4.379	.1097	4.555	4.196	22
600	3.383	.0838	3.516	3.232	22
700	2.456	.0600	2.550	2.338	22
800	1.589	.0395	1.646	1.502	22
900	.772	.0199	.798	.722	22
1000	.000	.0000	.000	.000	22
1200	-1.433	.0370	-1.336	-1.482	22
1500	-3.360	.0924	-3.115	-3.456	14
2000	-6.174	.1243	-5.974	-6.319	7
2500	-8.693	.2194	-8.379	-8.879	4
3000	-11.019	.3358	-10.637	-11.269	3
3500	-13.295	.4097	-12.828	-13.594	3

STATION MP18 S E P T E M B E R 1956 to 1990

TEMPERATURE

PRESS	MEAN	S.D.	MAX	MIN	N
0	14.28	.820	16.60	13.10	21
10	14.28	.799	16.40	13.18	21
20	14.18	.785	16.42	13.17	21
30	13.69	1.075	15.56	10.83	21
50	8.83	1.555	12.90	6.44	21
75	7.01	.672	8.22	5.74	21
100	6.33	.570	7.65	5.64	21
125	6.09	.482	7.35	5.30	21
150	6.03	.478	7.26	5.24	21
175	5.92	.402	7.00	5.38	21
200	5.70	.394	6.78	5.22	21
225	5.43	.371	6.40	4.97	21
250	5.19	.354	6.11	4.80	21
300	4.76	.308	5.53	4.32	21
400	4.32	.253	5.03	3.99	19
500	4.06	.183	4.59	3.80	18
600	3.84	.152	4.27	3.64	18
700	3.63	.123	4.00	3.47	18
800	3.42	.105	3.73	3.31	18
900	3.22	.079	3.48	3.15	18
1000	3.04	.062	3.23	2.97	18
1200	2.73	.042	2.82	2.66	17
1500	2.36	.041	2.42	2.29	13
2000	1.95	.026	1.98	1.91	8
2500	1.72	.016	1.75	1.71	5
3000	1.61	.017	1.62	1.59	4
3500	1.56	.020	1.59	1.55	4

SALINITY

MEAN	S.D.	MAX	MIN	N
32.451	.0998	32.635	32.260	21
32.450	.0981	32.636	32.254	21
32.455	.1011	32.626	32.252	21
32.466	.0975	32.628	32.293	21
32.585	.1036	32.803	32.400	21
32.649	.0900	32.836	32.528	21
32.816	.1617	33.186	32.594	21
33.248	.2552	33.654	32.903	21
33.611	.1582	33.804	33.263	21
33.772	.0718	33.890	33.589	21
33.826	.0400	33.918	33.764	21
33.844	.0342	33.932	33.800	21
33.859	.0326	33.945	33.799	21
33.892	.0257	33.969	33.849	21
33.987	.0256	34.044	33.947	19
34.079	.0217	34.110	34.034	18
34.160	.0196	34.189	34.128	18
34.226	.0180	34.253	34.201	18
34.281	.0152	34.308	34.260	18
34.328	.0150	34.349	34.304	18
34.366	.0125	34.383	34.347	18
34.430	.0110	34.446	34.404	17
34.502	.0134	34.526	34.479	13
34.583	.0095	34.597	34.569	8
34.631	.0023	34.638	34.628	5
34.654	.0026	34.658	34.648	4
34.671	.0059	34.678	34.664	4

SIGMA T

PRESS	MEAN	S.D.	MAX	MIN	N
0	24.181	.2066	24.566	23.566	21
10	24.181	.1973	24.551	23.605	21
20	24.205	.1963	24.545	23.602	21
30	24.313	.2337	24.954	23.818	21
50	25.266	.2773	25.580	24.434	21
75	25.589	.1281	25.827	25.326	21
100	25.810	.1722	26.161	25.460	21
125	26.181	.1927	26.451	25.893	21
150	26.474	.1190	26.620	26.219	21
175	26.614	.0686	26.695	26.451	21
200	26.685	.0517	26.756	26.550	21
225	26.731	.0405	26.783	26.629	21
250	26.771	.0361	26.826	26.685	21
300	26.847	.0293	26.894	26.778	21
400	26.970	.0278	27.021	26.915	19
500	27.071	.0268	27.110	27.017	18
600	27.157	.0222	27.190	27.117	18
700	27.231	.0166	27.263	27.208	18
800	27.295	.0147	27.321	27.268	18
900	27.351	.0130	27.370	27.332	18
1000	27.398	.0112	27.417	27.379	18
1200	27.477	.0116	27.493	27.454	17
1500	27.566	.0116	27.587	27.549	13
2000	27.664	.0093	27.677	27.650	8
2500	27.720	.0024	27.726	27.718	5
3000	27.747	.0047	27.751	27.741	4
3500	27.764	.0054	27.770	27.759	4

SVA

MEAN	S.D.	MAX	MIN	N
374.7	19.70	433.3	338.0	21
374.9	18.81	429.9	339.7	21
372.9	18.74	430.5	340.5	21
362.8	22.31	410.1	301.7	21
272.2	26.53	351.8	242.1	21
241.6	12.25	266.8	218.9	21
220.9	16.41	254.3	187.5	21
185.9	18.27	213.2	160.2	21
158.4	11.30	182.7	144.6	21
145.4	6.59	161.3	137.6	21
139.0	5.04	152.2	132.1	21
134.7	3.99	145.0	129.7	21
131.1	3.56	139.8	125.7	21
124.2	2.95	131.2	119.5	21
113.5	2.79	118.9	108.1	19
104.3	2.68	110.0	100.5	18
96.8	2.22	100.9	93.4	18
90.3	1.69	93.0	87.0	18
84.6	1.48	87.5	82.1	18
79.7	1.31	81.8	77.8	18
75.6	1.19	77.6	73.6	18
68.6	1.14	71.0	67.0	17
60.7	1.11	62.1	58.7	13
52.0	.95	53.5	50.8	8
47.5	.55	47.8	46.9	5
45.8	.53	46.5	45.3	4
45.4	.41	45.7	44.8	4

THETA

PRESS	MEAN	S.D.	MAX	MIN	N
0	14.28	.820	16.60	13.10	21
10	14.28	.799	16.40	13.18	21
20	14.18	.785	16.42	13.17	21
30	13.69	1.075	15.56	10.83	21
50	8.83	1.553	12.89	6.44	21
75	7.00	.672	8.21	5.73	21
100	6.32	.569	7.64	5.63	21
125	6.07	.482	7.34	5.29	21
150	6.02	.478	7.25	5.22	21
175	5.91	.400	6.98	5.37	21
200	5.68	.393	6.76	5.20	21
225	5.41	.371	6.38	4.96	21
250	5.17	.353	6.09	4.78	21
300	4.73	.307	5.50	4.30	21
400	4.29	.253	5.00	3.96	19
500	4.02	.183	4.55	3.76	18
600	3.80	.153	4.23	3.60	18
700	3.58	.123	3.95	3.42	18
800	3.36	.103	3.67	3.25	18
900	3.16	.076	3.41	3.09	18
1000	2.97	.063	3.16	2.90	18
1200	2.64	.042	2.74	2.58	17
1500	2.26	.041	2.32	2.19	13
2000	1.81	.026	1.85	1.78	8
2500	1.55	.013	1.57	1.54	5
3000	1.38	.015	1.40	1.37	4
3500	1.29	.015	1.31	1.28	4

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
374.7	19.70	433.3	338.0	21
374.6	18.80	429.6	339.4	21
372.3	18.71	429.8	339.9	21
362.0	22.26	409.2	301.0	21
271.3	26.39	350.5	241.4	21
240.5	12.16	265.5	217.9	21
219.6	16.36	252.8	186.2	21
184.3	18.29	211.6	158.6	21
156.4	11.30	180.7	142.6	21
143.1	6.50	158.6	135.4	21
136.4	4.89	149.1	129.7	21
132.0	3.84	141.7	127.1	21
128.2	3.40	136.3	123.0	21
120.9	2.76	127.4	116.5	21
109.2	2.62	114.4	104.4	19
99.6	2.52	104.6	95.9	18
91.4	2.07	95.2	88.3	18
84.3	1.59	86.4	81.3	18
78.2	1.38	80.8	75.8	18
72.9	1.24	74.6	71.0	18
68.4	1.12	70.2	66.5	18
60.8	1.09	63.0	59.3	17
52.2	1.08	53.8	50.3	13
42.8	.87	44.1	41.6	8
37.3	.33	37.5	36.7	5
34.4	.43	35.0	34.0	4
32.5	.45	32.9	31.9	4

STATION MP18 S E P T E M B E R 1956 to 1990

DELTA D

PRESS	MEAN	S.D.	MAX	MIN	N
0	.000	.0000	.000	.000	21
10	.376	.0191	.430	.340	21
20	.751	.0395	.870	.680	21
30	1.122	.0560	1.290	1.020	21
50	1.752	.0716	1.990	1.600	21
75	2.391	.0906	2.660	2.190	21
100	2.968	.1150	3.250	2.700	21
125	3.476	.1439	3.770	3.130	21
150	3.904	.1678	4.250	3.530	21
175	4.281	.1811	4.670	3.900	21
200	4.638	.1917	5.070	4.260	21
225	4.978	.1995	5.440	4.600	21
250	5.310	.2054	5.790	4.940	21
300	5.948	.2172	6.470	5.580	21
400	7.146	.2406	7.720	6.780	19
500	8.221	.2597	8.860	7.840	18
600	9.224	.2746	9.900	8.810	18
700	10.159	.2894	10.870	9.710	18
800	11.033	.2990	11.770	10.560	18
900	11.856	.3085	12.610	11.360	18
1000	12.632	.3161	13.400	12.120	18
1200	14.064	.3422	14.880	13.520	17
1500	16.018	.4004	16.880	15.420	13
2000	18.913	.5253	19.750	18.200	8
2500	21.344	.4379	21.920	20.870	5
3000	23.588	.4722	24.260	23.170	4
3500	25.870	.4795	26.550	25.430	4

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.00	.000	.00	.00	21
.02	.000	.02	.02	21
.08	.006	.09	.07	21
.17	.010	.20	.16	21
.43	.020	.48	.38	21
.83	.039	.93	.76	21
1.35	.066	1.51	1.21	21
1.93	.106	2.17	1.71	21
2.53	.149	2.84	2.25	21
3.15	.176	3.54	2.87	21
3.83	.198	4.29	3.55	21
4.57	.218	5.10	4.29	21
5.37	.235	5.96	5.07	21
7.16	.270	7.85	6.80	21
11.40	.346	12.29	10.87	19
16.35	.439	17.51	15.68	18
21.98	.557	23.37	21.10	18
28.17	.673	29.79	27.09	18
34.85	.779	36.65	33.59	18
41.97	.891	43.96	40.53	18
49.48	.996	51.61	47.85	18
65.58	1.248	68.16	63.58	17
92.28	1.758	95.66	89.66	13
142.46	2.826	146.65	139.00	8
198.63	2.659	202.50	195.15	5
263.58	3.415	268.02	259.72	4
339.23	4.001	344.07	334.46	4

OXYGEN

PRESS	MEAN	S.D.	MAX	MIN	N
0	6.16	.199	6.28	5.93	3
10	6.13	.180	6.28	5.93	3
20	6.22	.119	6.35	6.12	3
30	6.24	.060	6.30	6.18	3
50	6.92	.291	7.25	6.69	3
75	6.88	.242	7.16	6.74	3
100	6.74	.067	6.80	6.67	3
125	5.46	.818	6.39	4.84	3
150	5.15	.560	5.48	4.50	3
175	4.43	.274	4.73	4.19	3
200	4.14	.335	4.52	3.90	3
225	3.81	.436	4.31	3.54	3
250	3.50	.530	4.11	3.13	3
300	2.63	.530	3.24	2.26	3
400	1.82	.186	2.00	1.63	3
500	1.04	.071	1.09	.99	2
600	.76	.078	.82	.71	2
700	.62	.007	.62	.61	2
800	.51	.028	.53	.49	2
900	.46	.000	.46	.46	2
1000	.42	.021	.43	.40	2
1200	.51	.042	.54	.48	2
1500	.66	.021	.68	.65	2
2000	1.36	.042	1.39	1.33	2
2500	1.94	n/a	n/a	n/a	1
3000	2.59	n/a	n/a	n/a	1
3500	2.79	n/a	n/a	n/a	1

SOUND

MEAN	S.D.	MAX	MIN	N
1502	2.8	1509	1498	21
1502	2.7	1509	1498	21
1502	2.5	1509	1499	21
1500	3.6	1506	1491	21
1484	5.7	1498	1474	21
1477	2.7	1482	1472	21
1475	2.2	1480	1472	21
1475	2.1	1480	1472	21
1476	2.1	1481	1472	21
1476	1.6	1480	1474	21
1476	1.7	1480	1474	21
1475	1.6	1479	1473	21
1474	1.5	1478	1473	21
1473	1.3	1477	1472	21
1473	1.1	1476	1472	19
1474	.7	1476	1473	18
1475	.8	1477	1474	18
1476	.6	1477	1475	18
1476	.6	1478	1476	18
1477	.4	1478	1477	18
1478	.5	1479	1478	18
1480	.4	1481	1480	17
1484	.0	1484	1484	13
1490	.5	1491	1490	8
1498	.0	1498	1498	5
1506	.0	1506	1506	4
1514	.0	1514	1514	4

DELTA DH

PRESS	MEAN	S.D.	MAX	MIN	N
0	12.631	.3165	13.403	12.120	18
10	12.254	.3145	13.047	11.733	18
20	11.878	.3110	12.690	11.361	18
30	11.504	.3086	12.332	10.997	18
50	10.871	.2826	11.616	10.396	18
75	10.232	.2473	10.861	9.814	18
100	9.657	.2215	10.209	9.301	18
125	9.151	.2029	9.631	8.835	18
150	8.724	.1908	9.153	8.439	18
175	8.348	.1792	8.729	8.077	18
200	7.992	.1695	8.338	7.732	18
225	7.651	.1607	7.967	7.400	18
250	7.319	.1529	7.611	7.074	18
300	6.681	.1389	6.934	6.452	18
400	5.498	.1110	5.696	5.317	18
500	4.411	.0843	4.556	4.273	18
600	3.407	.0612	3.504	3.304	18
700	2.472	.0415	2.536	2.402	18
800	1.598	.0263	1.639	1.557	18
900	.776	.0125	.795	.757	18
1000	.000	.0000	.000	.000	18
1200	-1.439	.0232	-1.402	-1.477	17
1500	-3.376	.0585	-3.300	-3.480	13
2000	-6.193	.1131	-6.048	-6.347	8
2500	-8.636	.1016	-8.496	-8.781	5
3000	-10.959	.1332	-10.798	-11.120	4
3500	-13.242	.1526	-13.054	-13.416	4

STATION MP18 O C T O B E R 1956 to 1990

TEMPERATURE

PRESS	MEAN	S.D.	MAX	MIN	N
0	12.50	1.718	14.65	10.28	7
10	12.48	1.738	14.63	10.29	7
20	12.48	1.740	14.64	10.29	7
30	12.48	1.736	14.62	10.29	7
50	9.55	2.162	11.75	6.48	7
75	6.92	.934	8.47	5.90	7
100	6.16	.672	7.15	5.36	7
125	6.17	.284	6.45	5.58	7
150	6.22	.439	6.74	5.55	7
175	6.06	.437	6.59	5.42	7
200	5.80	.476	6.44	5.23	7
225	5.54	.475	6.19	4.92	7
250	5.30	.470	5.96	4.74	7
300	4.92	.436	5.49	4.48	7
400	4.44	.285	4.82	4.18	7
500	4.10	.215	4.35	3.79	7
600	3.85	.173	4.06	3.60	7
700	3.61	.120	3.74	3.44	7
800	3.40	.086	3.53	3.28	7
900	3.21	.081	3.33	3.11	7
1000	3.04	.056	3.11	2.98	7
1200	2.73	.051	2.81	2.65	7
1500	2.33	.046	2.40	2.28	5
2000	1.95	.015	1.96	1.93	3
2500	1.75	n/a	n/a	n/a	1
3000	1.60	n/a	n/a	n/a	1
3500	1.55	n/a	n/a	n/a	1

SALINITY

MEAN	S.D.	MAX	MIN	N
32.475	.1099	32.646	32.340	7
32.477	.1125	32.654	32.340	7
32.476	.1118	32.652	32.340	7
32.477	.1118	32.652	32.340	7
32.524	.1221	32.685	32.340	7
32.671	.1048	32.837	32.553	7
32.901	.1839	33.195	32.684	7
33.350	.1672	33.662	33.203	7
33.646	.0770	33.787	33.543	7
33.796	.0356	33.835	33.723	7
33.837	.0306	33.867	33.792	7
33.860	.0282	33.889	33.818	7
33.880	.0218	33.896	33.838	7
33.910	.0254	33.947	33.892	7
33.996	.0278	34.036	33.960	7
34.080	.0288	34.114	34.034	7
34.163	.0207	34.187	34.134	7
34.226	.0247	34.257	34.190	7
34.279	.0262	34.306	34.239	7
34.326	.0225	34.356	34.293	7
34.369	.0240	34.406	34.341	7
34.437	.0216	34.469	34.413	7
34.508	.0207	34.540	34.485	5
34.581	.0086	34.590	34.576	3
34.617	n/a	n/a	n/a	1
34.649	n/a	n/a	n/a	1
34.674	n/a	n/a	n/a	1

SIGMA T

PRESS	MEAN	S.D.	MAX	MIN	N
0	24.547	.3092	24.856	24.163	7
10	24.552	.3136	24.891	24.167	7
20	24.551	.3141	24.892	24.163	7
30	24.552	.3129	24.892	24.167	7
50	25.096	.3725	25.630	24.716	7
75	25.616	.1255	25.776	25.442	7
100	25.898	.1546	26.119	25.600	7
125	26.251	.1454	26.503	26.111	7
150	26.477	.0821	26.616	26.369	7
175	26.615	.0631	26.684	26.543	7
200	26.680	.0539	26.743	26.601	7
225	26.730	.0530	26.810	26.658	7
250	26.775	.0516	26.850	26.707	7
300	26.843	.0534	26.917	26.767	7
400	26.964	.0487	27.024	26.896	7
500	27.067	.0422	27.127	27.005	7
600	27.159	.0307	27.202	27.114	7
700	27.232	.0271	27.270	27.191	7
800	27.295	.0248	27.328	27.257	7
900	27.350	.0226	27.384	27.318	7
1000	27.401	.0220	27.436	27.372	7
1200	27.482	.0212	27.510	27.456	7
1500	27.573	.0195	27.601	27.549	5
2000	27.663	.0049	27.671	27.657	3
2500	27.706	n/a	n/a	n/a	1
3000	27.743	n/a	n/a	n/a	1
3500	27.767	n/a	n/a	n/a	1

SVA

MEAN	S.D.	MAX	MIN	N
339.7	29.48	376.4	310.4	7
339.5	29.90	376.3	307.3	7
339.9	29.96	376.9	307.4	7
340.0	29.88	376.8	307.5	7
288.5	35.63	324.8	237.4	7
239.0	12.04	255.7	223.8	7
212.5	14.71	241.0	191.6	7
179.3	13.80	192.6	155.4	7
158.2	7.86	168.5	145.0	7
145.4	6.12	152.3	138.7	7
139.4	5.29	147.2	133.2	7
134.9	5.25	142.1	127.0	7
130.8	5.10	137.6	123.4	7
124.7	5.31	132.3	117.5	7
113.9	4.82	120.6	108.0	7
104.7	4.20	110.8	98.7	7
96.6	3.10	101.1	92.2	7
90.1	2.71	94.2	86.3	7
84.6	2.43	88.3	81.3	7
79.8	2.22	82.9	76.4	7
75.3	2.14	78.1	71.9	7
68.1	2.14	70.8	65.4	7
60.0	1.90	62.4	57.3	5
52.2	.76	52.7	51.3	3
48.9	n/a	n/a	n/a	1
46.1	n/a	n/a	n/a	1
45.0	n/a	n/a	n/a	1

THETA

PRESS	MEAN	S.D.	MAX	MIN	N
0	12.50	1.718	14.65	10.28	7
10	12.48	1.738	14.63	10.29	7
20	12.48	1.740	14.64	10.29	7
30	12.48	1.736	14.62	10.29	7
50	9.55	2.159	11.75	6.48	7
75	6.91	.931	8.46	5.90	7
100	6.15	.672	7.14	5.35	7
125	6.16	.284	6.44	5.57	7
150	6.21	.439	6.73	5.54	7
175	6.05	.435	6.58	5.41	7
200	5.78	.474	6.42	5.22	7
225	5.52	.475	6.17	4.90	7
250	5.28	.470	5.94	4.72	7
300	4.90	.435	5.46	4.46	7
400	4.41	.285	4.79	4.15	7
500	4.06	.214	4.31	3.75	7
600	3.80	.172	4.01	3.56	7
700	3.56	.120	3.69	3.39	7
800	3.34	.088	3.47	3.22	7
900	3.15	.081	3.27	3.05	7
1000	2.97	.056	3.04	2.91	7
1200	2.65	.051	2.73	2.57	7
1500	2.23	.046	2.30	2.18	5
2000	1.81	.015	1.82	1.79	3
2500	1.57	n/a	n/a	n/a	1
3000	1.38	n/a	n/a	n/a	1
3500	1.28	n/a	n/a	n/a	1

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
339.7	29.48	376.4	310.4	7
339.3	29.89	376.0	307.1	7
339.3	29.94	376.3	306.9	7
339.3	29.77	375.9	306.9	7
287.5	35.40	323.6	236.7	7
237.9	11.91	254.5	222.8	7
211.2	14.69	239.5	190.2	7
177.6	13.81	190.9	153.7	7
156.1	7.79	166.4	142.9	7
143.0	5.95	149.8	136.5	7
136.8	5.11	144.3	130.9	7
132.0	5.02	138.9	124.5	7
127.8	4.86	134.2	120.7	7
121.3	5.04	128.5	114.3	7
109.8	4.60	116.2	104.1	7
99.9	3.97	105.8	94.3	7
91.2	2.89	95.4	87.1	7
84.2	2.58	88.1	80.6	7
78.2	2.36	81.8	75.1	7
72.9	2.16	76.0	69.7	7
68.1	2.10	70.8	64.8	7
60.3	2.03	62.8	57.6	7
51.6	1.78	53.8	49.0	5
42.9	.70	43.4	42.1	3
38.5	n/a	n/a	n/a	1
34.7	n/a	n/a	n/a	1
32.2	n/a	n/a	n/a	1

STATION MP18 O C T O B E R 1956 to 1990

DELTA D

PRESS	MEAN	S.D.	MAX	MIN	N
0	.000	.0000	.000	.000	7
10	.340	.0321	.380	.310	7
20	.681	.0604	.760	.620	7
30	1.021	.0925	1.140	.930	7
50	1.657	.0840	1.760	1.560	7
75	2.306	.0711	2.420	2.220	7
100	2.870	.1008	3.050	2.730	7
125	3.359	.1255	3.580	3.180	7
150	3.779	.1423	4.020	3.590	7
175	4.157	.1477	4.390	3.960	7
200	4.510	.1551	4.740	4.310	7
225	4.853	.1647	5.080	4.640	7
250	5.186	.1757	5.420	4.960	7
300	5.826	.1954	6.060	5.580	7
400	7.013	.2260	7.250	6.730	7
500	8.106	.2648	8.410	7.760	7
600	9.110	.2976	9.470	8.710	7
700	10.044	.3200	10.440	9.610	7
800	10.919	.3436	11.360	10.440	7
900	11.737	.3634	12.210	11.230	7
1000	12.513	.3864	13.020	11.970	7
1200	13.946	.4189	14.500	13.350	7
1500	15.904	.5438	16.480	15.190	5
2000	18.933	.5529	19.320	18.300	3
2500	21.850	n/a	n/a	n/a	1
3000	24.230	n/a	n/a	n/a	1
3500	26.520	n/a	n/a	n/a	1

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.00	.000	.00	.00	7
.02	.000	.02	.02	7
.07	.008	.08	.06	7
.16	.015	.18	.14	7
.41	.016	.44	.40	7
.83	.035	.86	.77	7
1.33	.056	1.42	1.27	7
1.89	.078	2.03	1.79	7
2.47	.100	2.64	2.36	7
3.10	.114	3.26	2.98	7
3.78	.131	3.93	3.63	7
4.52	.153	4.69	4.35	7
5.32	.179	5.51	5.12	7
7.11	.237	7.36	6.81	7
11.35	.386	11.87	10.82	7
16.36	.574	17.17	15.56	7
21.99	.777	23.10	20.90	7
28.15	.975	29.56	26.81	7
34.84	1.163	36.54	33.19	7
41.95	1.359	43.95	40.02	7
49.45	1.560	51.73	47.17	7
65.51	1.981	68.40	62.58	7
92.10	3.100	95.50	87.85	5
144.20	2.999	146.04	140.74	3
204.15	n/a	n/a	n/a	1
270.86	n/a	n/a	n/a	1
346.58	n/a	n/a	n/a	1

OXYGEN

PRESS	MEAN	S.D.	MAX	MIN	N
0	6.05	n/a	n/a	n/a	1
10	6.01	n/a	n/a	n/a	1
20	6.01	n/a	n/a	n/a	1
30	6.01	n/a	n/a	n/a	1
50	7.25	n/a	n/a	n/a	1
75	6.81	n/a	n/a	n/a	1
100	6.59	n/a	n/a	n/a	1
125	4.47	n/a	n/a	n/a	1
150	2.96	n/a	n/a	n/a	1
175	2.70	n/a	n/a	n/a	1
200	2.59	n/a	n/a	n/a	1
225	2.48	n/a	n/a	n/a	1
250	2.39	n/a	n/a	n/a	1
300	2.31	n/a	n/a	n/a	1
400	1.46	n/a	n/a	n/a	1
500	1.00	n/a	n/a	n/a	1
600	.69	n/a	n/a	n/a	1
700	.60	n/a	n/a	n/a	1
800	.53	n/a	n/a	n/a	1
900	.46	n/a	n/a	n/a	1
1000	.40	n/a	n/a	n/a	1
1200	.40	n/a	n/a	n/a	1
1500	.73	n/a	n/a	n/a	1
2000	1.40	n/a	n/a	n/a	1
2500	2.01	n/a	n/a	n/a	1
3000	2.55	n/a	n/a	n/a	1
3500	2.94	n/a	n/a	n/a	1

SOUND

MEAN	S.D.	MAX	MIN	N
1496	5.9	1503	1488	7
1496	5.9	1503	1488	7
1496	6.1	1504	1488	7
1496	6.1	1504	1489	7
1486	8.2	1495	1475	7
1477	3.6	1483	1473	7
1474	2.8	1478	1471	7
1476	1.3	1477	1473	7
1477	1.9	1479	1474	7
1477	1.9	1479	1474	7
1476	1.9	1479	1474	7
1475	2.0	1478	1473	7
1475	2.1	1478	1473	7
1474	1.6	1476	1472	7
1474	1.1	1475	1473	7
1474	.8	1475	1473	7
1475	1.0	1476	1474	7
1476	.5	1476	1475	7
1476	.5	1477	1476	7
1477	.5	1478	1477	7
1478	.5	1479	1478	7
1480	.4	1481	1480	7
1484	.0	1484	1484	5
1491	.6	1491	1490	3
1498	n/a	n/a	n/a	1
1506	n/a	n/a	n/a	1
1514	n/a	n/a	n/a	1

DELTA DH

PRESS	MEAN	S.D.	MAX	MIN	N
0	12.513	.3843	13.016	11.971	7
10	12.173	.3566	12.638	11.660	7
20	11.832	.3289	12.259	11.349	7
30	11.491	.2996	11.872	11.038	7
50	10.857	.3056	11.252	10.415	7
75	10.207	.3402	10.671	9.746	7
100	9.642	.3370	10.115	9.178	7
125	9.154	.3178	9.615	8.710	7
150	8.735	.3011	9.177	8.309	7
175	8.356	.2896	8.785	7.945	7
200	8.002	.2770	8.411	7.607	7
225	7.659	.2652	8.050	7.281	7
250	7.327	.2529	7.701	6.969	7
300	6.689	.2267	7.026	6.369	7
400	5.500	.1782	5.762	5.242	7
500	4.407	.1349	4.606	4.207	7
600	3.401	.0986	3.548	3.256	7
700	2.471	.0693	2.573	2.363	7
800	1.596	.0449	1.660	1.527	7
900	.774	.0218	.804	.739	7
1000	.000	.0000	.000	.000	7
1200	-1.433	.0399	-1.375	-1.487	7
1500	-3.356	.1009	-3.215	-3.461	5
2000	-6.253	.0983	-6.140	-6.319	3
2500	-8.833	n/a	n/a	n/a	1
3000	-11.214	n/a	n/a	n/a	1
3500	-13.500	n/a	n/a	n/a	1

STATION MP18 N O V E M B E R 1956 to 1990

TEMPERATURE

PRESS	MEAN	S.D.	MAX	MIN	N
0	9.85	.554	10.60	9.40	6
10	9.84	.550	10.58	9.40	6
20	9.84	.557	10.59	9.39	6
30	9.84	.558	10.60	9.40	6
50	9.81	.514	10.49	9.40	6
75	8.17	1.230	9.39	6.60	6
100	6.49	.325	6.91	5.99	6
125	6.12	.282	6.54	5.82	6
150	6.01	.172	6.17	5.71	6
175	5.76	.142	5.90	5.49	6
200	5.51	.093	5.57	5.33	6
225	5.27	.065	5.34	5.19	6
250	5.03	.071	5.13	4.93	6
300	4.72	.054	4.79	4.65	6
400	4.29	.066	4.41	4.24	6
500	3.99	.042	4.04	3.94	6
600	3.78	.052	3.87	3.73	6
700	3.57	.054	3.65	3.49	6
800	3.37	.058	3.46	3.30	6
900	3.17	.048	3.25	3.12	6
1000	2.99	.038	3.06	2.95	6
1200	2.68	.027	2.72	2.64	6
1500	2.33	.021	2.35	2.31	3
2000	1.94	.007	1.94	1.93	2
2500	1.71	n/a	n/a	n/a	1
3000	1.59	n/a	n/a	n/a	1
3500	1.56	n/a	n/a	n/a	1

SALINITY

MEAN	S.D.	MAX	MIN	N
32.472	.0653	32.529	32.385	6
32.464	.0606	32.523	32.387	6
32.464	.0619	32.524	32.384	6
32.464	.0620	32.523	32.383	6
32.467	.0631	32.520	32.385	6
32.701	.2203	32.982	32.507	6
32.993	.4472	33.564	32.588	6
33.303	.3929	33.778	32.842	6
33.744	.0725	33.847	33.682	6
33.830	.0349	33.877	33.798	6
33.852	.0233	33.881	33.826	6
33.866	.0194	33.890	33.837	6
33.878	.0190	33.894	33.848	6
33.925	.0219	33.952	33.888	6
34.004	.0162	34.022	33.984	6
34.085	.0180	34.118	34.072	6
34.163	.0132	34.188	34.155	6
34.224	.0208	34.255	34.194	6
34.280	.0142	34.303	34.266	6
34.327	.0125	34.342	34.313	6
34.366	.0147	34.385	34.353	6
34.426	.0161	34.448	34.410	6
34.498	.0104	34.508	34.487	3
34.573	.0081	34.574	34.572	2
34.612	n/a	n/a	n/a	1
34.645	n/a	n/a	n/a	1
34.655	n/a	n/a	n/a	1

SIGMA T

PRESS	MEAN	S.D.	MAX	MIN	N
0	25.027	.0890	25.146	24.938	6
10	25.022	.0954	25.141	24.911	6
20	25.022	.0957	25.142	24.911	6
30	25.023	.0951	25.141	24.912	6
50	25.029	.0882	25.139	24.932	6
75	25.463	.3217	25.813	25.137	6
100	25.930	.3193	26.341	25.619	6
125	26.220	.2786	26.571	25.884	6
150	26.582	.0482	26.648	26.519	6
175	26.681	.0290	26.711	26.640	6
200	26.729	.0164	26.745	26.711	6
225	26.769	.0112	26.782	26.755	6
250	26.805	.0093	26.820	26.793	6
300	26.877	.0140	26.896	26.856	6
400	26.987	.0082	27.002	26.977	6
500	27.083	.0165	27.114	27.068	6
600	27.166	.0135	27.191	27.152	6
700	27.235	.0192	27.267	27.212	6
800	27.299	.0139	27.324	27.286	6
900	27.356	.0116	27.372	27.343	6
1000	27.403	.0122	27.420	27.392	6
1200	27.479	.0143	27.496	27.462	6
1500	27.565	.0103	27.575	27.555	3
2000	27.657	.0000	27.657	27.657	2
2500	27.706	n/a	n/a	n/a	1
3000	27.741	n/a	n/a	n/a	1
3500	27.751	n/a	n/a	n/a	1

SVA

MEAN	S.D.	MAX	MIN	N
294.1	8.47	302.6	282.8	6
294.8	9.10	305.3	283.4	6
295.0	9.12	305.5	283.5	6
295.1	9.07	305.7	283.8	6
294.8	8.43	304.1	284.3	6
253.8	30.75	285.0	220.4	6
209.6	30.19	238.9	170.6	6
182.2	26.32	214.0	149.0	6
148.2	4.53	154.2	142.0	6
139.1	2.77	143.1	136.3	6
134.7	1.58	136.4	133.2	6
131.1	1.03	132.4	129.9	6
127.8	.82	128.9	126.4	6
121.4	1.28	123.3	119.6	6
111.6	.79	112.5	110.1	6
103.1	1.56	104.5	100.1	6
95.8	1.34	97.3	93.4	6
89.8	1.89	91.9	86.6	6
84.1	1.42	85.6	81.7	6
79.2	1.14	80.4	77.6	6
75.0	1.16	76.0	73.4	6
68.3	1.39	70.0	66.6	6
60.7	1.00	61.7	59.7	3
52.6	.00	52.6	52.6	2
48.7	n/a	n/a	n/a	1
46.2	n/a	n/a	n/a	1
46.5	n/a	n/a	n/a	1

THETA

PRESS	MEAN	S.D.	MAX	MIN	N
0	9.85	.554	10.60	9.40	6
10	9.84	.550	10.58	9.40	6
20	9.84	.557	10.59	9.39	6
30	9.84	.555	10.59	9.40	6
50	9.80	.516	10.49	9.39	6
75	8.16	1.230	9.38	6.59	6
100	6.48	.325	6.90	5.98	6
125	6.11	.282	6.53	5.81	6
150	6.00	.172	6.16	5.70	6
175	5.75	.138	5.88	5.48	6
200	5.49	.093	5.55	5.31	6
225	5.25	.065	5.32	5.17	6
250	5.01	.071	5.11	4.91	6
300	4.70	.054	4.77	4.63	6
400	4.26	.066	4.38	4.21	6
500	3.95	.044	4.00	3.90	6
600	3.74	.048	3.82	3.69	6
700	3.52	.054	3.60	3.44	6
800	3.31	.059	3.40	3.24	6
900	3.10	.044	3.18	3.06	6
1000	2.92	.038	2.99	2.88	6
1200	2.60	.027	2.64	2.56	6
1500	2.23	.021	2.25	2.21	3
2000	1.79	.007	1.80	1.79	2
2500	1.53	n/a	n/a	n/a	1
3000	1.37	n/a	n/a	n/a	1
3500	1.29	n/a	n/a	n/a	1

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
294.1	8.47	302.6	282.8	6
294.6	9.07	305.1	283.2	6
294.6	9.12	305.1	283.1	6
294.5	9.05	305.0	283.2	6
293.8	8.38	303.0	283.4	6
252.5	30.60	283.5	219.2	6
208.2	30.32	237.6	169.1	6
180.5	26.45	212.4	147.2	6
146.2	4.55	152.1	139.9	6
136.7	2.74	140.7	133.9	6
132.2	1.56	133.9	130.7	6
128.4	1.02	129.7	127.2	6
124.9	.86	126.1	123.5	6
118.1	1.29	120.1	116.3	6
107.6	.82	108.6	106.1	6
98.5	1.54	99.8	95.5	6
90.6	1.28	91.9	88.2	6
84.0	1.83	86.1	80.9	6
77.8	1.32	79.0	75.5	6
72.4	1.10	73.6	70.9	6
67.9	1.15	68.9	66.3	6
60.7	1.35	62.2	59.0	6
52.3	.95	53.3	51.4	3
43.4	.01	43.4	43.4	2
38.6	n/a	n/a	n/a	1
35.0	n/a	n/a	n/a	1
33.7	n/a	n/a	n/a	1

STATION MP18 N O V E M B E R 1956 to 1990

DELTA D

PRESS	MEAN	S.D.	MAX	MIN	N
0	.000	.0000	.000	.000	6
10	.295	.0084	.300	.280	6
20	.590	.0179	.610	.570	6
30	.887	.0273	.920	.850	6
50	1.478	.0454	1.530	1.420	6
75	2.177	.0532	2.280	2.130	6
100	2.748	.0939	2.880	2.640	6
125	3.242	.1599	3.380	3.030	6
150	3.647	.1918	3.800	3.390	6
175	4.005	.1983	4.160	3.740	6
200	4.345	.2075	4.510	4.070	6
225	4.677	.2091	4.840	4.400	6
250	5.002	.2099	5.170	4.720	6
300	5.623	.2115	5.800	5.340	6
400	6.787	.2124	6.970	6.500	6
500	7.858	.2129	8.050	7.580	6
600	8.852	.2157	9.050	8.580	6
700	9.778	.2190	9.990	9.510	6
800	10.647	.2246	10.870	10.390	6
900	11.462	.2318	11.700	11.210	6
1000	12.232	.2315	12.480	11.980	6
1200	13.663	.2408	13.930	13.420	6
1500	15.717	.2743	15.880	15.400	3
2000	18.725	.0210	18.740	18.710	2
2500	21.240	n/a	n/a	n/a	1
3000	23.620	n/a	n/a	n/a	1
3500	25.930	n/a	n/a	n/a	1

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.00	.000	.00	.00	6
.02	.005	.02	.01	6
.06	.000	.06	.06	6
.14	.005	.14	.13	6
.38	.012	.39	.36	6
.82	.026	.87	.80	6
1.33	.080	1.40	1.23	6
1.89	.167	2.05	1.68	6
2.46	.215	2.68	2.18	6
3.05	.224	3.28	2.76	6
3.71	.235	3.94	3.40	6
4.42	.241	4.66	4.11	6
5.21	.242	5.45	4.89	6
6.95	.250	7.20	6.63	6
11.09	.264	11.36	10.74	6
16.01	.278	16.32	15.68	6
21.57	.313	21.95	21.29	6
27.71	.372	28.16	27.23	6
34.35	.472	34.90	33.65	6
41.41	.569	42.08	40.55	6
48.86	.641	49.64	47.87	6
64.91	.838	65.83	63.57	6
91.67	1.813	92.73	89.58	3
143.37	.137	143.46	143.27	2
201.20	n/a	n/a	n/a	1
267.84	n/a	n/a	n/a	1
344.41	n/a	n/a	n/a	1

OXYGEN

PRESS	MEAN	S.D.	MAX	MIN	N
0	6.48	.198	6.62	6.34	2
10	6.35	.361	6.60	6.09	2
20	6.19	.544	6.57	5.80	2
30	6.37	.269	6.56	6.18	2
50	6.62	.078	6.67	6.56	2
75	6.55	.021	6.56	6.53	2
100	6.49	.417	6.78	6.19	2
125	5.53	.608	5.96	5.10	2
150	4.39	.255	4.57	4.21	2
175	3.94	.247	4.11	3.76	2
200	3.58	.170	3.70	3.46	2
225	3.21	.177	3.34	3.09	2
250	2.83	.262	3.01	2.64	2
300	2.16	.354	2.41	1.91	2
400	1.43	.290	1.63	1.22	2
500	1.06	.014	1.07	1.05	2
600	.69	.021	.70	.67	2
700	.55	.071	.60	.50	2
800	.49	.042	.52	.46	2
900	.48	.057	.52	.44	2
1000	.47	.064	.52	.43	2
1200	.48	.000	.48	.48	2
1500	.66	n/a	n/a	n/a	1
2000	1.35	n/a	n/a	n/a	1
2500	1.97	n/a	n/a	n/a	1
3000	2.54	n/a	n/a	n/a	1
3500	2.82	n/a	n/a	n/a	1

SOUND

MEAN	S.D.	MAX	MIN	N
1487	2.0	1489	1485	6
1487	2.0	1489	1485	6
1487	2.1	1490	1485	6
1487	2.1	1490	1485	6
1488	2.0	1490	1486	6
1482	4.4	1486	1476	6
1476	1.7	1478	1474	6
1476	1.8	1478	1474	6
1476	.8	1477	1475	6
1476	.8	1476	1474	6
1475	.4	1475	1474	6
1474	.5	1475	1474	6
1474	.4	1474	1473	6
1473	.4	1474	1473	6
1473	.4	1474	1473	6
1474	.0	1474	1474	6
1475	.5	1475	1474	6
1476	.5	1476	1475	6
1476	.4	1477	1476	6
1477	.0	1477	1477	6
1478	.0	1478	1478	6
1480	.0	1480	1480	6
1484	.0	1484	1484	3
1490	.0	1490	1490	2
1498	n/a	n/a	n/a	1
1506	n/a	n/a	n/a	1
1514	n/a	n/a	n/a	1

DELTA DH

PRESS	MEAN	S.D.	MAX	MIN	N
0	12.232	.2323	12.482	11.983	6
10	11.938	.2353	12.196	11.686	6
20	11.643	.2382	11.909	11.389	6
30	11.347	.2418	11.623	11.091	6
50	10.756	.2493	11.049	10.495	6
75	10.054	.2186	10.320	9.824	6
100	9.486	.1533	9.687	9.346	6
125	8.993	.1055	9.126	8.833	6
150	8.586	.0945	8.683	8.420	6
175	8.228	.0915	8.322	8.064	6
200	7.886	.0886	7.976	7.726	6
225	7.554	.0869	7.640	7.397	6
250	7.230	.0857	7.314	7.076	6
300	6.608	.0818	6.683	6.461	6
400	5.448	.0770	5.516	5.312	6
500	4.375	.0672	4.434	4.260	6
600	3.381	.0534	3.429	3.291	6
700	2.454	.0373	2.491	2.394	6
800	1.585	.0233	1.610	1.552	6
900	.770	.0104	.781	.756	6
1000	.000	.0000	.000	.000	6
1200	-1.430	.0204	-1.400	-1.456	6
1500	-3.371	.0680	-3.293	-3.418	3
2000	-6.257	.0000	-6.256	-6.257	2
2500	-8.782	n/a	n/a	n/a	1
3000	-11.161	n/a	n/a	n/a	1
3500	-13.471	n/a	n/a	n/a	1

STATION MP18 D E C E M B E R 1956 to 1998

TEMPERATURE

PRESS	MEAN	S.D.	MAX	MIN	N
0	8.60	.895	10.19	7.41	12
10	8.60	.903	10.15	7.41	12
20	8.60	.893	10.14	7.41	12
30	8.59	.889	10.13	7.40	12
50	8.55	.869	10.14	7.40	12
75	8.23	1.014	10.14	7.11	12
100	6.53	.920	7.87	5.34	12
125	5.94	.528	6.65	5.22	12
150	5.93	.381	6.57	5.40	12
175	5.75	.457	6.45	4.88	12
200	5.55	.452	6.19	4.64	12
225	5.34	.413	5.81	4.48	12
250	5.03	.381	5.60	4.34	12
300	4.65	.307	5.22	4.09	12
400	4.23	.208	4.59	3.90	12
500	4.02	.170	4.42	3.74	11
600	3.81	.095	4.01	3.66	11
700	3.59	.071	3.70	3.48	11
800	3.38	.061	3.47	3.31	11
900	3.21	.074	3.34	3.14	11
1000	3.04	.060	3.12	2.95	11
1200	2.73	.037	2.78	2.69	10
1500	2.36	.041	2.44	2.31	7
2000	1.95	.017	1.97	1.93	4
2500	1.71	n/a	n/a	n/a	1
3000	1.59	n/a	n/a	n/a	1
3500	1.52	n/a	n/a	n/a	1

SALINITY

MEAN	S.D.	MAX	MIN	N
32.535	.1017	32.740	32.420	12
32.521	.0900	32.648	32.402	12
32.523	.0879	32.648	32.397	12
32.526	.0853	32.648	32.401	12
32.531	.0828	32.652	32.410	12
32.569	.0931	32.709	32.413	12
32.852	.2028	33.193	32.460	12
33.212	.2350	33.584	32.856	12
33.568	.1739	33.829	33.314	12
33.761	.0869	33.884	33.587	12
33.825	.0636	33.935	33.699	12
33.845	.0504	33.950	33.745	12
33.859	.0456	33.964	33.784	12
33.892	.0362	33.982	33.837	12
33.981	.0281	34.049	33.948	12
34.079	.0240	34.135	34.040	11
34.155	.0164	34.175	34.125	11
34.221	.0132	34.235	34.194	11
34.276	.0162	34.305	34.250	11
34.325	.0137	34.347	34.303	11
34.365	.0130	34.386	34.343	11
34.427	.0155	34.456	34.399	10
34.499	.0190	34.527	34.470	7
34.576	.0125	34.593	34.563	4
34.622	n/a	n/a	n/a	1
34.647	n/a	n/a	n/a	1
34.666	n/a	n/a	n/a	1

SIGMA T

PRESS	MEAN	S.D.	MAX	MIN	N
0	25.271	.1578	25.495	25.047	12
10	25.260	.1472	25.446	25.043	12
20	25.263	.1416	25.446	25.041	12
30	25.265	.1391	25.446	25.042	12
50	25.276	.1319	25.446	25.045	12
75	25.352	.1719	25.625	25.061	12
100	25.809	.2356	26.122	25.428	12
125	26.170	.1793	26.399	25.955	12
150	26.452	.1357	26.620	26.281	12
175	26.626	.0668	26.701	26.470	12
200	26.705	.0442	26.758	26.590	12
225	26.751	.0260	26.780	26.699	12
250	26.790	.0224	26.812	26.743	12
300	26.859	.0175	26.876	26.823	12
400	26.975	.0206	26.999	26.933	12
500	27.074	.0163	27.097	27.037	11
600	27.157	.0166	27.182	27.128	11
700	27.231	.0141	27.250	27.202	11
800	27.295	.0160	27.324	27.265	11
900	27.349	.0128	27.372	27.333	11
1000	27.397	.0110	27.419	27.387	11
1200	27.474	.0126	27.502	27.453	10
1500	27.564	.0151	27.588	27.540	7
2000	27.659	.0088	27.670	27.649	4
2500	27.713	n/a	n/a	n/a	1
3000	27.742	n/a	n/a	n/a	1
3500	27.763	n/a	n/a	n/a	1

SVA

MEAN	S.D.	MAX	MIN	N
270.9	15.01	292.2	249.6	12
272.1	14.01	292.6	254.4	12
272.0	13.53	293.2	254.5	12
271.9	13.27	293.2	254.7	12
271.2	12.62	293.4	255.0	12
264.4	16.48	292.3	238.2	12
220.9	22.51	257.2	191.1	12
186.9	17.01	207.1	165.3	12
160.5	12.86	176.8	144.5	12
144.2	6.37	159.1	137.1	12
137.0	4.28	148.1	131.9	12
132.8	2.59	138.0	130.1	12
129.3	2.25	133.9	127.1	12
123.0	1.79	126.7	121.0	12
112.6	2.02	116.7	110.3	12
104.0	1.57	107.6	101.7	11
96.7	1.62	99.5	94.2	11
90.2	1.39	93.0	88.3	11
84.6	1.57	87.5	81.7	11
79.8	1.27	81.6	77.6	11
75.6	1.06	76.7	73.5	11
68.8	1.19	70.7	66.1	10
60.9	1.41	63.2	58.6	7
52.5	.70	53.3	51.6	4
48.0	n/a	n/a	n/a	1
46.1	n/a	n/a	n/a	1
45.1	n/a	n/a	n/a	1

THETA

PRESS	MEAN	S.D.	MAX	MIN	N
0	8.60	.895	10.19	7.41	12
10	8.60	.903	10.15	7.41	12
20	8.60	.892	10.14	7.41	12
30	8.59	.889	10.13	7.40	12
50	8.54	.866	10.13	7.40	12
75	8.22	1.014	10.13	7.10	12
100	6.52	.920	7.86	5.33	12
125	5.93	.528	6.64	5.21	12
150	5.92	.380	6.56	5.39	12
175	5.74	.453	6.43	4.87	12
200	5.50	.450	6.17	4.63	12
225	5.25	.413	5.79	4.46	12
250	5.01	.381	5.58	4.32	12
300	4.63	.304	5.19	4.07	12
400	4.20	.208	4.66	3.87	12
500	3.99	.171	4.39	3.71	11
600	3.76	.093	3.96	3.61	11
700	3.54	.070	3.65	3.43	11
800	3.33	.060	3.41	3.26	11
900	3.15	.075	3.28	3.07	11
1000	2.97	.060	3.05	2.88	11
1200	2.65	.037	2.70	2.60	10
1500	2.25	.040	2.33	2.21	7
2000	1.80	.017	1.83	1.79	4
2500	1.53	n/a	n/a	n/a	1
3000	1.37	n/a	n/a	n/a	1
3500	1.25	n/a	n/a	n/a	1

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
270.9	15.01	292.2	249.6	12
271.9	14.01	292.6	254.2	12
271.6	13.49	292.6	254.2	12
271.4	13.24	292.6	254.2	12
270.3	12.54	292.3	254.2	12
263.1	16.33	290.7	237.1	12
219.6	22.40	255.8	189.9	12
185.3	17.03	205.8	163.6	12
158.5	12.87	174.7	142.6	12
141.9	6.31	156.7	134.8	12
134.5	4.19	145.4	129.4	12
130.1	2.47	135.0	127.4	12
126.4	2.10	130.8	124.3	12
119.8	1.65	123.2	118.3	12
108.7	1.91	112.7	106.5	12
99.3	1.48	102.8	97.2	11
91.4	1.54	94.1	89.1	11
84.3	1.31	87.0	82.5	11
78.3	1.51	81.0	75.4	11
73.0	1.20	74.5	70.8	11
68.4	1.06	69.4	66.3	11
61.1	1.20	63.0	58.4	10
52.5	1.42	54.8	50.2	7
43.3	.83	44.2	42.2	4
37.9	n/a	n/a	n/a	1
34.8	n/a	n/a	n/a	1
32.6	n/a	n/a	n/a	1

STATION MP18 D E C E M B E R 1956 to 1990

DELTA D

PRESS	MEAN	S.D.	MAX	MIN	N
0	.000	.0000	.000	.000	12
10	.272	.0140	.290	.250	12
20	.546	.0287	.590	.510	12
30	.816	.0440	.880	.760	12
50	1.360	.0674	1.460	1.270	12
75	2.042	.0931	2.200	1.910	12
100	2.642	.1127	2.850	2.450	12
125	3.153	.1345	3.390	2.960	12
150	3.586	.1630	3.850	3.380	12
175	3.964	.1833	4.270	3.740	12
200	4.313	.1923	4.650	4.080	12
225	4.650	.1997	5.010	4.410	12
250	4.978	.2013	5.340	4.740	12
300	5.608	.2082	5.990	5.360	12
400	6.785	.2145	7.200	6.530	12
500	7.855	.2334	8.320	7.590	11
600	8.857	.2456	9.360	8.570	11
700	9.793	.2589	10.330	9.480	11
800	10.666	.2690	11.230	10.330	11
900	11.486	.2789	12.070	11.130	11
1000	12.262	.2872	12.860	11.880	11
1200	13.719	.3147	14.320	13.270	10
1500	15.566	.2648	15.860	15.140	7
2000	18.472	.2654	18.710	18.170	4
2500	20.650	n/a	n/a	n/a	1
3000	23.000	n/a	n/a	n/a	1
3500	25.280	n/a	n/a	n/a	1

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.00	.000	.00	.00	12
.01	.000	.01	.01	12
.05	.005	.06	.05	12
.12	.005	.13	.12	12
.35	.017	.37	.32	12
.78	.035	.84	.73	12
1.32	.060	1.42	1.21	12
1.90	.096	2.03	1.78	12
2.50	.148	2.70	2.33	12
3.13	.181	3.39	2.94	12
3.80	.200	4.13	3.60	12
4.53	.216	4.90	4.31	12
5.32	.226	5.71	5.09	12
7.09	.246	7.53	6.83	12
11.28	.287	11.84	11.02	12
16.23	.361	16.98	15.91	11
21.85	.433	22.78	21.37	11
28.04	.524	29.19	27.43	11
34.71	.618	36.07	33.93	11
41.83	.726	43.40	40.80	11
49.34	.821	51.06	48.11	11
65.49	1.068	67.36	63.67	10
91.99	1.425	93.37	89.32	7
142.87	1.237	144.39	141.36	4
198.28	n/a	n/a	n/a	1
264.04	n/a	n/a	n/a	1
339.64	n/a	n/a	n/a	1

OXYGEN

PRESS	MEAN	S.D.	MAX	MIN	N
0	n/a	n/a	n/a	n/a	0
10	n/a	n/a	n/a	n/a	0
20	n/a	n/a	n/a	n/a	0
30	n/a	n/a	n/a	n/a	0
50	n/a	n/a	n/a	n/a	0
75	n/a	n/a	n/a	n/a	0
100	n/a	n/a	n/a	n/a	0
125	n/a	n/a	n/a	n/a	0
150	n/a	n/a	n/a	n/a	0
175	n/a	n/a	n/a	n/a	0
200	n/a	n/a	n/a	n/a	0
225	n/a	n/a	n/a	n/a	0
250	n/a	n/a	n/a	n/a	0
300	n/a	n/a	n/a	n/a	0
400	n/a	n/a	n/a	n/a	0
500	n/a	n/a	n/a	n/a	0
600	n/a	n/a	n/a	n/a	0
700	n/a	n/a	n/a	n/a	0
800	n/a	n/a	n/a	n/a	0
900	n/a	n/a	n/a	n/a	0
1000	n/a	n/a	n/a	n/a	0
1200	n/a	n/a	n/a	n/a	0
1500	n/a	n/a	n/a	n/a	0
2000	n/a	n/a	n/a	n/a	0
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0
3500	n/a	n/a	n/a	n/a	0

SOUND

MEAN	S.D.	MAX	MIN	N
1482	3.4	1488	1477	12
1482	3.5	1488	1477	12
1482	3.3	1488	1478	12
1482	3.2	1488	1478	12
1483	3.3	1489	1478	12
1482	3.8	1489	1478	12
1476	3.6	1481	1471	12
1475	2.5	1478	1471	12
1475	1.6	1478	1473	12
1475	2.0	1478	1471	12
1475	2.0	1478	1471	12
1474	1.7	1477	1471	12
1474	1.6	1476	1471	12
1473	1.3	1475	1471	12
1473	.9	1475	1472	12
1474	.8	1476	1473	11
1475	.6	1476	1474	11
1476	.5	1476	1475	11
1476	.5	1477	1476	11
1477	.5	1478	1477	11
1478	.5	1479	1478	11
1480	.5	1481	1480	10
1484	.0	1484	1484	7
1490	.5	1491	1490	4
1498	n/a	n/a	n/a	1
1506	n/a	n/a	n/a	1
1514	n/a	n/a	n/a	1

DELTA DH

PRESS	MEAN	S.D.	MAX	MIN	N
0	12.264	.2881	12.864	11.881	11
10	11.992	.2823	12.575	11.626	11
20	11.720	.2759	12.285	11.372	11
30	11.448	.2704	11.995	11.117	11
50	10.906	.2603	11.416	10.608	11
75	10.228	.2517	10.693	9.956	11
100	9.627	.2097	10.041	9.399	11
125	9.121	.1745	9.498	8.924	11
150	8.692	.1439	9.018	8.505	11
175	8.314	.1249	8.598	8.140	11
200	7.964	.1138	8.216	7.798	11
225	7.627	.1067	7.859	7.466	11
250	7.300	.1024	7.522	7.143	11
300	6.669	.0950	6.875	6.521	11
400	5.490	.0849	5.665	5.352	11
500	4.408	.0708	4.542	4.287	11
600	3.405	.0552	3.506	3.313	11
700	2.471	.0395	2.539	2.399	11
800	1.598	.0260	1.638	1.548	11
900	.776	.0120	.792	.755	11
1000	.000	.0000	.000	.000	11
1200	-1.440	.0233	-1.388	-1.467	10
1500	-3.381	.0640	-3.256	-3.459	7
2000	-6.235	.0466	-6.196	-6.297	4
2500	-8.680	n/a	n/a	n/a	1
3000	-11.028	n/a	n/a	n/a	1
3500	-13.311	n/a	n/a	n/a	1

Table 14. As in Table 6, for Station 9 (P18).

Table 14: STATION MP18 A L L D A T A (JANUARY-DECEMBER) 1956 to 1990

SIGMA -T.	TEMPERATURE MEAN	S.D.	MAX	MIN	N	SALINITY MEAN	S.D.	MAX	MIN	N
24.20	14.10	.339	14.77	13.27	32	32.448	.0814	32.606	32.289	32
24.40	13.16	.362	13.93	12.22	44	32.475	.0793	32.640	32.333	44
24.60	12.19	.417	13.07	11.25	50	32.504	.0875	32.672	32.298	50
24.80	11.19	.409	12.02	10.28	59	32.523	.0846	32.727	32.368	59
25.00	10.12	.410	11.02	9.30	75	32.534	.0883	32.777	32.340	75
25.20	9.07	.426	10.17	8.23	97	32.559	.0900	32.820	32.370	97
25.40	7.95	.419	9.41	7.18	125	32.586	.0823	32.859	32.435	125
25.60	6.95	.425	8.14	6.15	175	32.659	.0753	32.891	32.519	175
25.80	6.31	.536	7.40	5.17	192	32.806	.0880	32.989	32.629	192
26.00	6.07	.561	7.59	4.91	192	33.023	.0898	33.282	32.844	192
26.20	6.01	.538	7.82	4.91	192	33.266	.0855	33.570	33.098	192
26.40	5.97	.523	7.76	4.81	192	33.512	.0827	33.814	33.341	192
26.60	5.83	.441	6.90	4.68	192	33.740	.0685	33.919	33.571	192
26.80	5.00	.266	5.67	4.31	190	33.868	.0386	33.967	33.771	190
27.00	4.19	.161	4.64	3.68	177	34.009	.0212	34.068	33.943	177
27.10	3.95	.116	4.33	3.65	173	34.103	.0152	34.154	34.064	173
27.20	3.69	.086	4.03	3.48	171	34.196	.0104	34.239	34.169	171
27.30	3.39	.072	3.62	3.14	171	34.284	.0088	34.313	34.254	171
27.40	3.04	.065	3.26	2.89	165	34.369	.0075	34.395	34.352	165
27.50	2.64	.060	2.86	2.50	150	34.450	.0062	34.473	34.435	150
27.60	2.22	.056	2.40	2.09	71	34.534	.0061	34.549	34.523	71
27.70	1.79	.031	1.86	1.73	38	34.615	.0023	34.621	34.608	38
27.75	1.59	.024	1.64	1.55	34	34.657	.0037	34.662	34.653	34
27.76	1.57	.018	1.60	1.53	26	34.667	.0000	34.670	34.664	26

SIGMA -T.	DEPTH MEAN	S.D.	MAX	MIN	N	SVA MEAN	S.D.	MAX	MIN	N
24.20	23	6.2	36	10	32	373.4	.18	373.6	373.0	32
24.40	28	7.7	47	7	44	354.3	.21	354.9	353.8	44
24.60	31	8.4	54	11	50	335.2	.25	335.8	334.7	50
24.80	33	10.2	58	6	59	316.2	.27	316.8	315.5	59
25.00	38	11.3	68	8	75	297.2	.28	298.0	296.4	75
25.20	44	15.5	83	3	97	278.3	.30	279.2	277.5	97
25.40	56	18.9	100	6	125	259.4	.29	260.2	258.7	125
25.60	77	23.3	123	1	175	240.6	.32	241.3	239.6	175
25.80	99	18.1	152	7	192	221.7	.27	222.6	220.6	192
26.00	114	13.7	161	78	192	202.9	.24	203.9	202.5	192
26.20	126	14.5	181	83	192	184.1	.25	185.3	183.6	192
26.40	142	16.5	202	89	192	165.3	.32	166.8	164.7	192
26.60	170	24.8	314	113	192	146.7	.43	149.6	146.1	192
26.80	258	30.9	427	184	190	128.4	.45	130.8	127.6	190
27.00	419	35.5	565	322	177	110.4	.43	112.2	109.4	177
27.10	522	36.6	690	399	173	101.6	.40	103.4	100.5	173
27.20	644	36.9	791	530	171	92.9	.34	94.2	91.9	171
27.30	795	40.3	966	680	171	84.1	.30	85.2	83.4	171
27.40	986	42.9	1150	892	165	75.3	.25	76.3	74.7	165
27.50	1251	49.2	1373	1107	150	66.6	.22	67.3	66.0	150
27.60	1631	66.6	1771	1416	71	57.9	.23	58.4	57.3	71
27.70	2290	76.9	2444	2135	38	49.4	.16	49.6	48.9	38
27.75	3057	190.0	3477	2720	34	45.9	.45	46.7	45.2	34
27.76	3263	168.1	3548	2891	26	45.4	.39	45.9	44.4	26

SIGMA -T.	THETA MEAN	S.D.	MAX	MIN	N	SVA (THETA) MEAN	S.D.	MAX	MIN	N
24.20	14.10	.341	14.77	13.26	32	371.0	2.62	372.8	360.4	32
24.40	13.16	.362	13.93	12.21	44	350.9	3.35	353.7	339.7	44
24.60	12.19	.417	13.07	11.25	50	331.0	4.13	334.7	319.2	50
24.80	11.18	.409	12.02	10.28	59	312.0	4.16	315.6	298.6	59
25.00	10.11	.411	11.02	9.30	75	293.6	3.55	296.6	280.7	75
25.20	9.06	.426	10.16	8.22	97	275.6	2.60	277.6	265.1	97
25.40	7.95	.419	9.40	7.18	125	257.6	1.48	258.5	251.4	125
25.60	6.95	.425	8.13	6.14	175	239.0	.67	239.6	235.7	175
25.80	6.30	.536	7.39	5.16	192	220.0	.55	220.5	217.6	192
26.00	6.06	.560	7.58	4.90	192	201.0	.48	201.5	199.1	192
26.20	6.00	.537	7.81	4.90	192	182.1	.41	182.5	180.4	192
26.40	5.96	.522	7.74	4.80	192	163.2	.23	163.5	162.1	192
26.60	5.81	.439	6.87	4.67	192	144.4	.09	144.5	143.8	192
26.80	4.98	.264	5.65	4.29	190	125.4	.09	125.5	124.8	190
27.00	4.16	.159	4.60	3.65	177	106.3	.11	106.4	106.0	177
27.10	3.91	.115	4.29	3.61	173	96.7	.08	96.9	96.5	173
27.20	3.64	.086	3.97	3.42	171	87.2	.07	87.4	87.1	171
27.30	3.33	.073	3.56	3.07	171	77.7	.04	77.8	77.5	171
27.40	2.97	.066	3.20	2.82	165	68.1	.08	68.2	67.9	165
27.50	2.55	.062	2.77	2.41	150	58.5	.11	58.6	58.2	150
27.60	2.11	.060	2.29	1.97	71	48.7	.13	49.1	48.5	71
27.70	1.63	.037	1.71	1.56	38	39.1	.04	39.2	39.0	38
27.75	1.36	.040	1.43	1.28	34	34.0	.11	34.2	33.8	34
27.76	1.31	.032	1.38	1.26	26	33.0	.11	33.2	32.8	26

STATION MP18 A L L D A T A (JANUARY-DECEMBER) 1956 to 1990

DELTA D

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	.917	.2601	1.520	.380	32
24.40	1.057	.2986	1.690	.240	44
24.60	1.153	.3208	1.920	.380	50
24.80	1.218	.3842	2.070	.190	59
25.00	1.322	.4048	2.220	.250	75
25.20	1.443	.5073	2.420	.090	97
25.40	1.703	.5684	2.940	.170	125
25.60	2.135	.6442	3.370	.030	175
25.80	2.632	.4986	3.720	.150	192
26.00	2.959	.3906	4.050	2.130	192
26.20	3.187	.4060	4.440	2.380	192
26.40	3.457	.4313	4.800	2.590	192
26.60	3.899	.5295	6.090	2.770	192
26.80	5.098	.6003	7.640	3.530	190
27.00	7.019	.6531	9.460	5.170	177
27.10	8.132	.6619	10.700	5.990	173
27.20	9.335	.6644	11.860	7.250	171
27.30	10.677	.6897	13.440	8.590	171
27.40	12.205	.6958	15.050	10.290	165
27.50	14.095	.7020	16.350	12.090	150
27.60	16.519	.7551	18.590	14.300	71
27.70	20.036	.6966	21.540	18.630	38
27.75	23.674	1.1707	26.500	21.510	34
27.76	24.561	1.0734	26.450	22.240	26

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.12	.059	.27	.02	32
.16	.081	.41	.01	44
.19	.099	.53	.02	50
.22	.121	.51	.01	59
.27	.150	.74	.01	75
.35	.223	1.03	.00	97
.52	.310	1.39	.01	125
.88	.430	2.00	.00	175
1.34	.419	2.90	.01	192
1.66	.393	3.21	.82	192
1.94	.443	3.90	.92	192
2.32	.531	4.60	1.01	192
3.05	.907	8.66	1.40	192
5.70	1.447	14.60	2.96	190
12.38	2.267	23.11	7.19	177
17.75	2.727	31.94	10.24	173
24.93	3.195	39.58	16.26	171
34.86	3.955	51.73	24.54	171
48.91	4.712	69.09	38.33	165
70.72	5.921	90.36	56.37	150
106.23	8.571	126.07	81.31	71
177.71	11.298	198.68	154.71	38
279.99	32.010	355.72	224.39	34
310.14	29.023	360.31	246.99	26

DELTA DH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	11.654	.2631	12.332	10.974	28
24.40	11.489	.2845	12.107	10.876	37
24.60	11.389	.2939	12.083	10.807	43
24.80	11.287	.3188	12.102	10.594	52
25.00	11.184	.5232	13.022	10.192	67
25.20	10.963	.5180	12.666	10.037	85
25.40	10.668	.5208	12.217	9.673	110
25.60	10.121	.5264	11.972	9.341	155
25.80	9.616	.3770	11.580	8.891	169
26.00	9.297	.3369	11.336	8.697	170
26.20	9.068	.3363	11.014	8.429	170
26.40	8.798	.2577	9.738	8.168	170
26.60	8.356	.2407	8.938	7.385	170
26.80	7.142	.2405	7.583	5.827	170
27.00	5.207	.2675	5.835	4.102	170
27.10	4.105	.2739	5.011	2.773	170
27.20	2.911	.2754	3.747	1.768	170
27.30	1.569	.3068	2.414	.211	170
27.40	.030	.3285	.724	-1.283	165
27.50	-1.867	.3735	-0.804	-2.879	150
27.60	-4.250	.4759	-2.728	-5.258	71
27.70	-7.802	.4856	-6.778	-8.708	38
27.75	-11.481	1.0329	-9.560	-13.746	34
27.76	-12.396	.9045	-10.339	-13.854	26

ACC. POT.

MEAN	S.D.	MAX	MIN	N
12.560	.3144	13.007	11.864	28
12.505	.3189	13.390	11.816	37
12.440	.3089	13.291	11.764	43
12.357	.2819	13.183	11.708	52
12.333	.3876	13.724	11.645	67
12.231	.3743	13.657	11.572	85
12.142	.3572	13.548	11.485	110
11.996	.3457	13.364	10.995	155
11.827	.3219	13.129	10.956	169
11.623	.3101	12.981	10.822	170
11.396	.3014	12.816	10.612	170
11.146	.2912	12.590	10.378	170
10.860	.2658	12.118	10.125	170
10.482	.2202	11.448	9.835	170
9.880	.1626	10.513	9.384	170
9.463	.1311	9.969	9.058	170
8.949	.0966	9.288	8.655	170
8.316	.0611	8.515	8.134	170
7.530	.0246	7.587	7.459	165
6.546	.0272	6.606	6.449	150
5.304	.0643	5.465	5.094	71
3.649	.1128	3.875	3.375	38
2.752	.1113	2.930	2.464	34
2.651	.1333	2.898	2.275	26

OXYGEN

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	6.33	.155	6.53	6.05	7
24.40	6.45	.234	6.72	6.01	8
24.60	6.63	.164	6.88	6.39	9
24.80	6.69	.145	6.85	6.44	10
25.00	6.75	.158	7.00	6.46	12
25.20	6.78	.255	7.14	6.15	14
25.40	6.81	.367	7.42	5.86	17
25.60	6.76	.425	7.29	5.53	27
25.80	6.38	.466	7.04	5.01	29
26.00	5.84	.520	6.48	3.87	29
26.20	5.28	.617	6.10	2.87	29
26.40	4.71	.748	5.75	2.26	29
26.60	4.14	.729	5.20	2.21	29
26.80	2.81	.355	3.52	1.80	29
27.00	1.37	.182	1.67	1.00	27
27.10	.84	.157	1.45	.72	27
27.20	.67	.148	1.26	.47	27
27.30	.50	.144	1.13	.30	27
27.40	.45	.155	1.09	.24	27
27.50	.58	.166	1.19	.40	26
27.60	1.01	.204	1.79	.84	20
27.70	1.81	.119	1.98	1.54	14
27.75	2.65	.157	2.89	2.33	13
27.76	2.78	.156	2.99	2.51	9

SOUND

MEAN	S.D.	MAX	MIN	N
1502	1.3	1504	1499	32
1499	1.3	1501	1496	44
1496	1.6	1499	1492	50
1492	1.5	1495	1489	59
1488	1.7	1492	1485	75
1484	1.7	1489	1481	97
1481	1.7	1486	1477	125
1477	1.9	1482	1473	175
1475	2.4	1480	1470	192
1475	2.4	1481	1470	192
1475	2.3	1482	1470	192
1475	2.3	1484	1470	192
1476	2.1	1482	1471	192
1474	1.5	1479	1470	190
1473	1.2	1477	1470	177
1474	1.0	1478	1472	173
1475	.8	1478	1473	171
1476	.8	1479	1475	171
1478	.7	1481	1477	165
1481	.7	1483	1479	150
1486	1.0	1488	1483	71
1495	1.3	1498	1493	38
1508	3.3	1515	1502	34
1511	2.9	1516	1505	26

Table 15. As in Table 7, for Station 9 (P18).

Table 15: STATION MP18 J A N U A R Y 1956 to 1990

TEMPERATURE

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	7.80	.330	8.39	7.36	8
25.60	7.11	.451	7.89	6.25	13
25.80	6.53	.608	7.40	5.24	13
26.00	6.10	.634	6.83	4.91	13
26.20	5.94	.545	6.54	4.93	13
26.40	5.88	.433	6.50	5.02	13
26.60	5.75	.338	6.32	4.94	13
26.80	5.04	.244	5.36	4.80	13
27.00	4.16	.159	4.43	3.85	11
27.10	3.91	.133	4.08	3.70	11
27.20	3.65	.081	3.86	3.56	11
27.30	3.37	.072	3.52	3.29	11
27.40	3.03	.085	3.17	2.91	10
27.50	2.64	.060	2.76	2.56	8
27.60	2.21	.028	2.23	2.19	2
27.70	1.80	n/a	n/a	n/a	1
27.75	1.59	n/a	n/a	n/a	1
27.76	1.57	n/a	n/a	n/a	1

SALINITY

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	32.549	.0621	32.658	32.465	8
25.60	32.686	.0799	32.826	32.536	13
25.80	32.845	.1020	32.983	32.635	13
26.00	33.028	.1011	33.140	32.844	13
26.20	33.257	.0862	33.345	33.098	13
26.40	33.497	.0678	33.593	33.364	13
26.60	33.728	.0517	33.800	33.606	13
26.80	33.874	.0354	33.920	33.796	13
27.00	34.005	.0219	34.042	33.963	11
27.10	34.098	.0175	34.134	34.070	11
27.20	34.191	.0107	34.212	34.179	11
27.30	34.282	.0093	34.300	34.272	11
27.40	34.368	.0103	34.384	34.356	10
27.50	34.450	.0077	34.463	34.441	8
27.60	34.533	.0000	34.534	34.532	2
27.70	34.616	n/a	n/a	n/a	1
27.75	34.657	n/a	n/a	n/a	1
27.76	34.668	n/a	n/a	n/a	1

DEPTH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	76	14.3	100	56	8
25.60	89	12.1	105	62	13
25.80	97	11.4	111	73	13
26.00	111	12.6	131	91	13
26.20	124	13.2	144	106	13
26.40	140	17.1	167	117	13
26.60	167	19.7	192	138	13
26.80	251	19.9	292	221	13
27.00	407	25.8	438	352	11
27.10	509	30.3	553	450	11
27.20	632	28.8	679	578	11
27.30	784	35.4	823	698	11
27.40	976	43.5	1049	902	10
27.50	1239	29.4	1273	1202	8
27.60	1623	42.4	1653	1593	2
27.70	2203	n/a	n/a	n/a	1
27.75	2865	n/a	n/a	n/a	1
27.76	3204	n/a	n/a	n/a	1

SVA

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	259.7	.24	260.1	259.4	8
25.60	240.8	.23	241.1	240.4	13
25.80	221.8	.24	222.2	221.4	13
26.00	202.8	.24	203.3	202.5	13
26.20	184.0	.26	184.5	183.7	13
26.40	165.3	.29	165.7	164.9	13
26.60	146.6	.32	147.1	146.2	13
26.80	128.3	.30	128.9	127.7	13
27.00	110.3	.35	110.7	109.5	11
27.10	101.5	.31	102.0	100.8	11
27.20	92.7	.27	93.3	92.2	11
27.30	84.0	.28	84.6	83.5	11
27.40	75.2	.25	75.7	74.8	10
27.50	66.5	.14	66.6	66.3	8
27.60	57.9	.14	58.0	57.8	2
27.70	49.1	n/a	n/a	n/a	1
27.75	45.3	n/a	n/a	n/a	1
27.76	45.4	n/a	n/a	n/a	1

THETA

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	7.80	.331	8.38	7.35	8
25.60	7.10	.452	7.88	6.24	13
25.80	6.52	.607	7.38	5.23	13
26.00	6.09	.633	6.82	4.90	13
26.20	5.93	.543	6.52	4.92	13
26.40	5.87	.433	6.49	5.01	13
26.60	5.74	.336	6.20	4.93	13
26.80	5.02	.244	5.34	4.48	13
27.00	4.13	.155	4.40	3.83	11
27.10	3.88	.129	4.14	3.57	11
27.20	3.61	.082	3.78	3.51	11
27.30	3.31	.073	3.46	3.23	11
27.40	2.96	.085	3.10	2.84	10
27.50	2.55	.062	2.68	2.47	8
27.60	2.10	.028	2.12	2.08	2
27.70	1.65	n/a	n/a	n/a	1
27.75	1.38	n/a	n/a	n/a	1
27.76	1.32	n/a	n/a	n/a	1

SVA (THETA)

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	258.3	.44	258.5	257.2	8
25.60	238.9	.90	239.4	236.5	13
25.80	219.8	.85	220.5	217.6	13
26.00	201.0	.70	201.5	199.1	13
26.20	182.0	.63	182.5	180.4	13
26.40	163.2	.24	163.5	162.8	13
26.60	144.4	.06	144.5	144.2	13
26.80	125.4	.06	125.5	125.3	13
27.00	106.3	.11	106.4	106.1	11
27.10	96.8	.08	96.9	96.6	11
27.20	87.2	.06	87.3	87.1	11
27.30	77.4	.04	77.8	77.6	11
27.40	68.1	.07	68.2	68.0	10
27.50	58.5	.07	58.6	58.4	8
27.60	48.6	.07	48.7	48.6	2
27.70	39.1	n/a	n/a	n/a	1
27.75	34.1	n/a	n/a	n/a	1
27.76	33.0	n/a	n/a	n/a	1

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DELTA D

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	2.040	.3884	2.710	1.520	8
25.60	2.327	.2930	2.830	1.670	13
25.80	2.518	.2727	2.960	1.920	13
26.00	2.812	.2879	3.370	2.320	13
26.20	3.063	.2949	3.590	2.600	13
26.40	3.344	.3627	3.900	2.850	13
26.60	3.762	.4030	4.280	3.130	13
26.80	4.916	.3919	5.630	4.410	13
27.00	6.751	.4356	7.450	6.020	11
27.10	7.846	.4623	8.700	7.060	11
27.20	9.047	.4600	9.940	8.300	11
27.30	10.403	.4971	11.230	9.370	11
27.40	11.944	.5200	12.640	11.000	10
27.50	13.789	.3971	14.270	13.150	8
27.60	16.170	.3535	16.420	15.920	2
27.70	19.190	n/a	n/a	n/a	1
27.75	22.340	n/a	n/a	n/a	1
27.76	23.910	n/a	n/a	n/a	1

POT. ENERGY

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	.82	.309	1.39	.43	8
25.60	1.08	.269	1.52	.55	13
25.80	1.26	.277	1.67	.69	13
26.00	1.58	.335	2.17	1.03	13
26.20	1.88	.375	2.47	1.32	13
26.40	2.27	.511	3.07	1.60	13
26.60	2.93	.648	3.80	1.97	13
26.80	5.40	.865	7.16	4.36	13
27.00	11.62	1.427	13.53	8.90	11
27.10	16.79	1.906	19.91	13.20	11
27.20	23.82	2.233	27.71	19.74	11
27.30	33.68	3.002	37.62	26.74	11
27.40	47.68	4.188	53.93	40.15	10
27.50	68.87	3.362	72.90	63.36	8
27.60	104.57	5.777	108.65	100.48	2
27.70	164.38	n/a	n/a	n/a	1
27.75	246.71	n/a	n/a	n/a	1
27.76	295.90	n/a	n/a	n/a	1

DELTA DH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	10.144	.1875	10.350	9.890	6
25.60	9.758	.2711	10.209	9.356	19
25.80	9.572	.2478	9.903	9.147	10
26.00	9.256	.2222	9.675	8.834	10
26.20	9.005	.2483	9.441	8.596	10
26.40	8.745	.2841	9.124	8.338	10
26.60	8.355	.2927	8.758	7.870	10
26.80	7.234	.1517	7.463	6.946	10
27.00	5.319	.1912	5.646	5.094	10
27.10	4.222	.2260	4.601	3.893	10
27.20	3.010	.2193	3.362	2.658	10
27.30	1.660	.2739	2.092	1.358	10
27.40	.106	.3302	.659	-0.458	10
27.50	-1.767	.2207	-1.488	-2.048	8
27.60	-4.195	.3260	-3.964	-4.425	2
27.70	-7.240	n/a	n/a	n/a	1
27.75	-10.387	n/a	n/a	n/a	1
27.76	-11.954	n/a	n/a	n/a	1

ACC. POT.

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	12.071	.3182	12.519	11.652	6
25.60	11.879	.2502	12.322	11.541	10
25.80	11.704	.2391	12.114	11.362	10
26.00	11.509	.2231	11.888	11.163	10
26.20	11.289	.2095	11.632	10.933	10
26.40	11.042	.1954	11.347	10.683	10
26.60	10.765	.1850	11.034	10.393	10
26.80	10.402	.1701	10.638	10.042	10
27.00	9.821	.1404	10.013	9.527	10
27.10	9.417	.1169	9.577	9.174	10
27.20	8.918	.0870	9.041	8.736	10
27.30	8.296	.0629	8.386	8.170	10
27.40	7.521	.0270	7.572	7.471	10
27.50	6.548	.0222	6.571	6.515	8
27.60	5.301	.0559	5.340	5.261	2
27.70	3.728	n/a	n/a	n/a	1
27.75	2.762	n/a	n/a	n/a	1
27.76	2.809	n/a	n/a	n/a	1

OXYGEN

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	n/a	n/a	n/a	n/a	0
25.60	6.64	n/a	n/a	n/a	1
25.80	6.24	n/a	n/a	n/a	1
26.00	5.84	n/a	n/a	n/a	1
26.20	5.47	n/a	n/a	n/a	1
26.40	5.12	n/a	n/a	n/a	1
26.60	4.71	n/a	n/a	n/a	1
26.80	2.83	n/a	n/a	n/a	1
27.00	1.63	n/a	n/a	n/a	1
27.10	1.45	n/a	n/a	n/a	1
27.20	1.26	n/a	n/a	n/a	1
27.30	1.13	n/a	n/a	n/a	1
27.40	1.09	n/a	n/a	n/a	1
27.50	1.19	n/a	n/a	n/a	1
27.60	1.79	n/a	n/a	n/a	1
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

SOUND

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	1480	1.3	1483	1479	8
25.60	1478	1.9	1481	1474	13
25.80	1476	2.8	1480	1470	13
26.00	1475	2.7	1478	1470	13
26.20	1475	2.3	1477	1470	13
26.40	1475	2.0	1478	1471	13
26.60	1475	1.5	1478	1472	13
26.80	1474	1.1	1475	1471	13
27.00	1473	1.0	1474	1471	11
27.10	1474	.8	1475	1472	11
27.20	1475	.6	1476	1474	11
27.30	1476	.5	1477	1475	11
27.40	1478	.7	1479	1477	10
27.50	1481	.5	1481	1480	8
27.60	1486	.7	1486	1485	2
27.70	1494	n/a	n/a	n/a	1
27.75	1504	n/a	n/a	n/a	1
27.76	1510	n/a	n/a	n/a	1

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TEMPERATURE

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	n/a	n/a	n/a	n/a	0
25.60	6.87	.467	7.53	6.42	5
25.80	6.05	.604	6.97	5.17	11
26.00	5.89	.553	6.63	5.04	11
26.20	5.75	.536	6.39	4.91	11
26.40	5.67	.538	6.32	4.81	11
26.60	5.61	.535	6.18	4.68	11
26.80	4.94	.309	5.38	4.38	11
27.00	4.18	.178	4.43	3.88	11
27.10	3.91	.146	4.11	3.66	11
27.20	3.67	.128	3.87	3.48	11
27.30	3.40	.095	3.55	3.30	11
27.40	3.04	.088	3.24	2.94	11
27.50	2.64	.080	2.80	2.54	11
27.60	2.23	.100	2.40	2.14	5
27.70	1.78	.039	1.82	1.74	4
27.75	1.59	.036	1.62	1.55	4
27.76	1.57	.012	1.58	1.56	3

SALINITY

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	n/a	n/a	n/a	n/a	0
25.60	32.642	.0814	32.757	32.570	5
25.80	32.765	.0979	32.912	32.629	11
26.00	32.995	.0831	33.105	32.874	11
26.20	33.225	.0825	33.319	33.099	11
26.40	33.465	.0823	33.569	33.341	11
26.60	33.707	.0801	33.795	33.571	11
26.80	33.859	.0439	33.923	33.780	11
27.00	34.008	.0242	34.043	33.968	11
27.10	34.098	.0190	34.126	34.065	11
27.20	34.194	.0158	34.220	34.170	11
27.30	34.286	.0111	34.304	34.273	11
27.40	34.370	.0106	34.392	34.359	11
27.50	34.451	.0077	34.467	34.442	11
27.60	34.535	.0101	34.549	34.527	5
27.70	34.614	.0000	34.617	34.610	4
27.75	34.657	.0044	34.661	34.653	4
27.76	34.668	.0000	34.669	34.666	3

DEPTH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	n/a	n/a	n/a	n/a	0
25.60	97	8.4	104	83	5
25.80	113	7.7	126	103	11
26.00	123	6.6	136	112	11
26.20	132	7.9	146	120	11
26.40	145	8.8	161	134	11
26.60	170	11.7	190	149	11
26.80	252	18.9	287	225	11
27.00	416	23.8	463	365	11
27.10	518	25.0	563	477	11
27.20	639	18.3	661	595	11
27.30	787	27.3	839	756	11
27.40	979	32.0	1037	941	11
27.50	1253	41.7	1334	1197	11
27.60	1635	80.4	1692	1494	5
27.70	2326	72.5	2389	2233	4
27.75	3070	215.3	3278	2861	4
27.76	3219	197.6	3446	3083	3

SVA

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	n/a	n/a	n/a	n/a	0
25.60	240.9	.17	241.0	240.6	5
25.80	221.8	.15	222.0	221.6	11
26.00	202.9	.17	203.2	202.7	11
26.20	184.1	.19	184.4	183.9	11
26.40	165.3	.21	165.7	165.0	11
26.60	146.6	.28	147.1	146.2	11
26.80	128.3	.31	128.7	127.7	11
27.00	110.4	.37	111.1	109.9	11
27.10	101.6	.34	102.1	101.1	11
27.20	92.8	.26	93.3	92.5	11
27.30	84.1	.24	84.7	83.8	11
27.40	75.3	.23	75.8	75.1	11
27.50	66.6	.15	66.9	66.4	11
27.60	58.0	.16	58.1	57.7	5
27.70	49.4	.13	49.6	49.3	4
27.75	46.0	.43	46.4	45.6	4
27.76	45.3	.32	45.7	45.1	3

THETA

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	n/a	n/a	n/a	n/a	0
25.60	6.86	.465	7.52	6.42	5
25.80	6.04	.604	6.96	5.16	11
26.00	5.88	.553	6.62	5.03	11
26.20	5.73	.533	6.37	4.90	11
26.40	5.66	.537	6.31	4.80	11
26.60	5.60	.532	6.16	4.67	11
26.80	4.92	.309	5.36	4.36	11
27.00	4.15	.177	4.40	3.85	11
27.10	3.87	.145	4.07	3.62	11
27.20	3.63	.130	3.83	3.43	11
27.30	3.34	.096	3.49	3.24	11
27.40	2.98	.087	3.17	2.87	11
27.50	2.56	.084	2.72	2.45	11
27.60	2.12	.102	2.29	2.03	5
27.70	1.62	.042	1.66	1.57	4
27.75	1.36	.056	1.41	1.30	4
27.76	1.33	.032	1.35	1.29	3

SVA (THETA)

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	n/a	n/a	n/a	n/a	0
25.60	239.1	.31	239.4	238.7	5
25.80	220.0	.48	220.4	219.1	11
26.00	201.0	.53	201.4	200.1	11
26.20	182.1	.35	182.5	181.3	11
26.40	163.2	.27	163.4	162.7	11
26.60	144.4	.08	144.5	144.2	11
26.80	125.4	.08	125.5	125.2	11
27.00	106.3	.12	106.4	106.1	11
27.10	96.7	.08	96.8	96.6	11
27.20	87.2	.08	87.3	87.1	11
27.30	77.7	.03	77.7	77.6	11
27.40	68.1	.08	68.2	68.0	11
27.50	58.5	.14	58.6	58.3	11
27.60	48.7	.18	49.0	48.6	5
27.70	39.1	.05	39.1	39.0	4
27.75	34.0	.12	34.1	33.9	4
27.76	33.0	.10	33.1	32.9	3

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DELTA D

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	n/a	n/a	n/a	n/a	0
25.60	2.430	.2227	2.590	2.060	5
25.80	2.706	.1652	2.930	2.390	11
26.00	2.924	.1344	3.140	2.730	11
26.20	3.107	.1796	3.360	2.880	11
26.40	3.333	.1997	3.700	3.110	11
26.60	3.715	.2507	4.160	3.360	11
26.80	4.839	.3427	5.520	4.370	11
27.00	6.810	.3917	7.640	6.340	11
27.10	7.892	.3984	8.710	7.340	11
27.20	9.081	.2978	9.540	8.500	11
27.30	10.404	.3140	10.810	9.940	11
27.40	11.945	.3204	12.450	11.560	11
27.50	13.905	.3403	14.460	13.310	11
27.60	16.442	.4148	16.840	15.750	5
27.70	20.130	.3077	20.310	19.670	4
27.75	23.717	.9463	24.650	22.690	4
27.76	24.420	.8626	25.380	23.710	3

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
1.22	.204	1.37	.88	5
1.57	.197	1.90	1.27	11
1.83	.179	2.19	1.54	11
2.07	.234	2.47	1.74	11
2.39	.281	2.89	2.04	11
3.01	.389	3.70	2.39	11
5.45	.762	6.96	4.47	11
12.19	1.377	15.07	10.44	11
17.40	1.697	20.70	14.75	11
24.45	1.462	25.90	21.10	11
34.15	2.257	36.03	31.06	11
48.15	2.982	53.33	45.24	11
70.64	4.312	79.21	64.80	11
106.97	8.385	113.08	92.26	5
182.93	8.580	189.76	171.63	4
283.64	33.294	316.27	251.10	4
305.41	32.763	342.93	282.44	3

DELTA DH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	n/a	n/a	n/a	n/a	0
25.60	9.688	.1954	9.869	9.425	5
25.80	9.323	.2272	9.595	8.989	11
26.00	9.106	.1796	9.366	8.828	11
26.20	8.922	.1505	9.099	8.632	11
26.40	8.697	.1652	8.870	8.366	11
26.60	8.315	.1665	8.566	8.047	11
26.80	7.191	.1739	7.411	6.889	11
27.00	5.220	.1992	5.441	4.774	11
27.10	4.136	.2125	4.456	3.703	11
27.20	2.947	.1375	3.301	2.821	11
27.30	1.626	.2045	1.865	1.233	11
27.40	.084	.2433	.372	-0.355	11
27.50	-1.875	.3082	-1.469	-2.480	11
27.60	-4.262	.5356	-3.340	-4.668	5
27.70	-8.031	.3719	-7.546	-8.331	4
27.75	-11.618	1.0690	-10.568	-12.665	4
27.76	-12.284	.9857	-11.587	-13.412	3

ACC. POT.

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
12.044	.2313	12.300	11.768	5
11.842	.1629	12.097	11.572	11
11.617	.1614	11.877	11.363	11
11.375	.1556	11.627	11.144	11
11.114	.1489	11.356	10.899	11
10.822	.1429	11.047	10.613	11
10.448	.1254	10.614	10.250	11
9.854	.0968	9.980	9.704	11
9.441	.0771	9.557	9.322	11
8.932	.0598	9.047	8.862	11
8.307	.0466	8.411	8.254	11
7.529	.0222	7.575	7.506	11
6.552	.0216	6.597	6.514	11
5.307	.0504	5.380	5.255	5
3.616	.0446	3.646	3.550	4
2.723	.0891	2.834	2.635	4
2.537	.0503	2.590	2.490	3

OXYGEN

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	n/a	n/a	n/a	n/a	0
25.60	6.44	n/a	n/a	n/a	1
25.80	6.54	.714	7.04	6.03	2
26.00	6.08	.573	6.48	5.67	2
26.20	5.55	.509	5.91	5.19	2
26.40	4.90	.636	5.35	4.45	2
26.60	4.10	.629	4.54	3.65	2
26.80	2.79	.021	2.81	2.78	2
27.00	1.31	.078	1.37	1.26	2
27.10	.84	.113	.92	.76	2
27.20	.63	.057	.67	.59	2
27.30	.48	.021	.50	.47	2
27.40	.42	.085	.48	.36	2
27.50	.50	.014	.51	.49	2
27.60	.91	.092	.97	.84	2
27.70	1.78	.127	1.87	1.69	2
27.75	2.53	.290	2.74	2.33	2
27.76	2.51	n/a	n/a	n/a	1

SOUND

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
1477	2.0	1480	1475	5
1474	2.4	1478	1471	11
1474	2.2	1477	1471	11
1474	2.4	1477	1471	11
1474	2.2	1477	1471	11
1475	2.2	1477	1471	11
1473	1.4	1475	1471	11
1473	1.1	1475	1472	11
1474	1.0	1475	1472	11
1475	.7	1476	1474	11
1476	.7	1478	1476	11
1478	.5	1479	1478	11
1481	.4	1482	1481	11
1486	.9	1486	1484	5
1496	1.4	1497	1494	4
1508	3.8	1511	1504	4
1510	3.2	1514	1508	3

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SIGMA -T.	TEMPERATURE MEAN	S.D.	MAX	MIN	N	SALINITY MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
25.40	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
25.60	6.71	.295	7.15	6.29	13	32.615	.0477	32.689	32.541	13
25.80	6.54	.332	7.00	6.07	15	32.845	.0506	32.914	32.777	15
26.00	6.40	.365	6.92	5.87	15	33.077	.0550	33.155	32.985	15
26.20	6.29	.400	6.85	5.59	15	33.311	.0623	33.398	33.196	15
26.40	6.22	.402	6.90	5.54	15	33.552	.0630	33.660	33.440	15
26.60	6.09	.364	6.64	5.55	15	33.781	.0586	33.870	33.695	15
26.80	5.17	.233	5.67	4.83	15	33.892	.0345	33.967	33.842	15
27.00	4.24	.111	4.43	4.11	15	34.016	.0148	34.041	33.997	15
27.10	4.00	.087	4.14	3.86	14	34.109	.0106	34.127	34.092	14
27.20	3.73	.076	3.88	3.63	14	34.200	.0091	34.219	34.189	14
27.30	3.40	.057	3.53	3.32	14	34.286	.0053	34.301	34.276	14
27.40	3.06	.057	3.16	2.96	14	34.371	.0059	34.382	34.359	14
27.50	2.65	.060	2.79	2.58	13	34.452	.0065	34.466	34.444	13
27.60	2.24	.037	2.28	2.20	4	34.535	.0064	34.539	34.530	4
27.70	1.83	.035	1.86	1.81	2	34.619	.0000	34.621	34.617	2
27.75	1.61	.014	1.62	1.60	2	34.659	.0000	34.660	34.658	2
27.76	1.58	.007	1.58	1.57	2	34.668	.0000	34.669	34.668	2

SIGMA -T.	DEPTH MEAN	S.D.	MAX	MIN	N	SVA MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
25.40	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
25.60	71	40.0	109	1	13	240.5	.51	241.0	239.6	13
25.80	110	12.6	133	86	15	221.9	.23	222.3	221.5	15
26.00	119	12.8	140	96	15	203.0	.26	203.4	202.6	15
26.20	129	13.6	147	105	15	184.2	.29	184.6	183.7	15
26.40	145	17.9	179	115	15	165.4	.34	166.1	164.9	15
26.60	173	24.1	222	124	15	146.9	.40	147.6	146.2	15
26.80	266	21.9	320	239	15	128.3	.32	129.2	128.2	15
27.00	428	26.3	480	385	15	110.6	.32	111.3	110.1	15
27.10	532	27.7	578	475	14	101.8	.31	102.3	101.2	14
27.20	650	29.7	706	587	14	93.0	.33	93.6	92.4	14
27.30	796	34.2	855	736	14	84.2	.24	84.5	83.7	14
27.40	978	43.0	1044	899	14	75.3	.24	75.7	74.9	14
27.50	1252	49.9	1357	1163	13	66.6	.20	66.9	66.2	13
27.60	1614	28.0	1654	1589	4	57.9	.19	58.0	57.6	4
27.70	2195	55.2	2234	2156	2	49.4	.07	49.4	49.3	2
27.75	2915	11.3	2923	2907	2	45.5	.07	45.6	45.5	2
27.76	3173	59.4	3215	3131	2	45.4	.14	45.5	45.3	2

SIGMA -T.	THETA MEAN	S.D.	MAX	MIN	N	SVA (THETA) MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
25.40	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
25.60	6.71	.294	7.15	6.28	13	239.2	.44	239.5	238.2	13
25.80	6.53	.331	6.99	6.06	15	219.8	.67	220.4	218.2	15
26.00	6.39	.363	6.91	5.86	15	200.8	.69	201.4	199.6	15
26.20	6.28	.398	6.84	5.58	15	182.0	.43	182.4	180.9	15
26.40	6.21	.400	6.89	5.53	15	163.2	.35	163.4	162.1	15
26.60	6.07	.363	6.62	5.53	15	144.4	.07	144.5	144.2	15
26.80	5.15	.233	5.65	4.81	15	125.3	.07	125.4	125.2	15
27.00	4.21	.110	4.40	4.09	15	106.2	.09	106.4	106.1	15
27.10	3.96	.085	4.10	3.82	14	96.7	.08	96.8	96.6	14
27.20	3.68	.074	3.83	3.58	14	87.2	.05	87.3	87.1	14
27.30	3.34	.055	3.47	3.26	14	77.7	.03	77.7	77.6	14
27.40	2.99	.058	3.09	2.88	14	68.1	.07	68.2	68.0	14
27.50	2.57	.063	2.71	2.49	13	58.5	.09	58.6	58.3	13
27.60	2.13	.037	2.17	2.09	4	48.7	.13	48.9	48.6	4
27.70	1.68	.042	1.71	1.65	2	39.1	.01	39.1	39.1	2
27.75	1.39	.014	1.40	1.38	2	34.1	.01	34.1	34.1	2
27.76	1.33	.014	1.34	1.32	2	33.0	.00	33.0	33.0	2

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DELTA D

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	n/a	n/a	n/a	n/a	0
25.60	1.782	1.0143	2.770	.030	13
25.80	2.671	.3458	3.180	2.050	15
26.00	2.882	.3480	3.410	2.260	15
26.20	3.075	.3620	3.620	2.450	15
26.40	3.350	.4322	4.110	2.620	15
26.60	3.793	.5040	4.780	2.770	15
26.80	5.062	.4601	6.150	4.480	15
27.00	7.009	.4921	8.060	6.280	15
27.10	8.136	.5078	9.150	7.240	14
27.20	9.292	.5351	10.470	8.330	14
27.30	10.596	.5630	11.750	9.660	14
27.40	12.062	.6353	13.270	10.930	14
27.50	14.042	.6418	15.520	12.940	13
27.60	16.357	.2547	16.640	16.050	4
27.70	19.420	.4667	19.750	19.090	2
27.75	22.870	.2546	23.050	22.690	2
27.76	24.065	.4737	24.400	23.730	2

POT. ENERGY

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	n/a	n/a	n/a	n/a	0
25.60	.84	.575	1.53	.00	13
25.80	1.51	.358	2.14	.90	15
26.00	1.76	.386	2.35	1.10	15
26.20	2.01	.426	2.64	1.30	15
26.40	2.41	.580	3.51	1.48	15
26.60	3.15	.806	4.88	1.66	15
26.80	5.99	1.065	8.70	4.72	15
27.00	12.91	1.672	16.45	10.36	15
27.10	18.43	2.028	22.35	14.60	14
27.20	25.45	2.522	30.72	20.54	14
27.30	35.13	3.229	41.39	29.51	14
27.40	48.53	4.418	56.18	41.18	14
27.50	71.10	5.810	84.02	61.50	13
27.60	105.23	3.742	110.55	101.96	4
27.70	166.60	8.733	172.78	160.43	2
27.75	257.46	4.221	260.44	254.47	2
27.76	295.24	11.766	303.56	286.92	2

DELTA DH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	n/a	n/a	n/a	n/a	0
25.60	10.200	.7977	11.972	9.447	12
25.80	9.471	.2401	9.954	9.186	14
26.00	9.256	.2165	9.766	9.010	14
26.20	9.060	.2023	9.579	8.790	14
26.40	8.784	.1859	9.189	8.508	14
26.60	8.343	.2130	8.831	8.075	14
26.80	7.063	.1643	7.295	6.699	14
27.00	5.106	.1795	5.367	4.724	14
27.10	4.017	.1954	4.407	3.670	14
27.20	2.860	.2141	3.317	2.436	14
27.30	1.557	.2537	1.996	1.104	14
27.40	.089	.3216	.665	-0.411	14
27.50	-1.875	.3750	-1.207	-2.669	13
27.60	-4.165	.1985	-3.992	-4.449	4
27.70	-7.297	.3769	-7.030	-7.563	2
27.75	-10.743	.1598	-10.630	-10.856	2
27.76	-11.941	.3854	-11.669	-12.214	2

ACC. POT.

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	n/a	n/a	n/a	n/a	0
25.60	12.055	.3619	12.745	11.598	12
25.80	11.922	.3046	12.541	11.446	14
26.00	11.703	.2876	12.305	11.252	14
26.20	11.468	.2709	12.045	11.037	14
26.40	11.209	.2493	11.743	10.805	14
26.60	10.916	.2172	11.372	10.544	14
26.80	10.527	.1726	10.865	10.206	14
27.00	9.901	.1337	10.120	9.642	14
27.10	9.476	.1131	9.662	9.256	14
27.20	8.954	.0894	9.104	8.790	14
27.30	8.313	.0577	8.387	8.214	14
27.40	7.529	.0286	7.569	7.472	14
27.50	6.547	.0282	6.599	6.508	13
27.60	5.278	.0401	5.319	5.232	4
27.70	3.677	.0884	3.739	3.614	2
27.75	2.720	.1351	2.815	2.624	2
27.76	2.685	.0721	2.736	2.634	2

OXYGEN

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	n/a	n/a	n/a	n/a	0
25.60	6.98	.303	7.17	6.63	3
25.80	6.47	.211	6.62	6.16	4
26.00	5.84	.195	6.08	5.64	4
26.20	5.20	.424	5.69	4.67	4
26.40	4.47	.946	5.40	3.19	4
26.60	3.97	.977	5.12	2.85	4
26.80	2.93	.093	3.06	2.84	4
27.00	1.40	.118	1.56	1.28	4
27.10	.95	.153	1.12	.82	4
27.20	.67	.149	.85	.53	4
27.30	.50	.139	.65	.36	4
27.40	.52	.171	.75	.39	4
27.50	.66	.234	.99	.44	4
27.60	1.03	.247	1.20	.85	2
27.70	1.71	.247	1.89	1.54	2
27.75	2.66	.332	2.89	2.42	2
27.76	2.77	.311	2.99	2.55	2

SOUND

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	n/a	n/a	n/a	n/a	0
25.60	1476	1.7	1478	1473	13
25.80	1476	1.5	1478	1474	15
26.00	1476	1.6	1479	1474	15
26.20	1476	1.9	1479	1473	15
26.40	1476	1.8	1479	1473	15
26.60	1477	1.8	1479	1474	15
26.80	1475	1.1	1476	1473	15
27.00	1474	.8	1475	1472	15
27.10	1474	.8	1476	1473	14
27.20	1475	.8	1477	1474	14
27.30	1477	.7	1477	1475	14
27.40	1478	.7	1479	1477	14
27.50	1481	.8	1483	1480	13
27.60	1486	.6	1486	1485	4
27.70	1494	.7	1494	1493	2
27.75	1505	.0	1505	1505	2
27.76	1510	.7	1510	1509	2

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SIGMA -T.	TEMPERATURE MEAN	S.D.	MAX	MIN	N	SALINITY MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
25.40	7.59	.014	7.60	7.58	2	32.506	.0035	32.508	32.504	2
25.60	6.73	.281	7.01	6.27	8	32.617	.0496	32.667	32.538	8
25.80	6.03	.529	6.89	5.38	16	32.763	.0859	32.900	32.656	16
26.00	5.90	.506	6.73	5.03	16	32.994	.0806	33.132	32.859	16
26.20	5.90	.485	6.87	5.14	16	33.250	.0772	33.412	33.139	16
26.40	5.85	.482	6.90	5.01	16	33.492	.0760	33.662	33.365	16
26.60	5.65	.429	6.52	5.00	16	33.713	.0668	33.849	33.617	16
26.80	4.94	.296	5.61	4.49	16	33.859	.0444	33.961	33.795	16
27.00	4.16	.214	4.54	3.71	14	34.004	.0283	34.054	33.945	14
27.10	3.94	.156	4.19	3.69	13	34.102	.0204	34.135	34.069	13
27.20	3.69	.101	3.84	3.49	12	34.196	.0125	34.215	34.171	12
27.30	3.40	.070	3.50	3.26	12	34.285	.0085	34.298	34.268	12
27.40	3.06	.056	3.12	2.96	12	34.371	.0068	34.378	34.360	12
27.50	2.65	.053	2.74	2.59	11	34.452	.0041	34.461	34.446	11
27.60	2.23	.049	2.29	2.16	7	34.535	.0065	34.541	34.529	7
27.70	1.79	.035	1.84	1.75	5	34.615	.0058	34.620	34.609	5
27.75	1.60	.039	1.64	1.55	4	34.658	.0000	34.662	34.654	4
27.76	1.58	.020	1.60	1.56	3	34.669	.0038	34.670	34.667	3

SIGMA -T.	DEPTH MEAN	S.D.	MAX	MIN	N	SVA MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
25.40	59	15.6	70	48	2	259.4	.22	259.6	259.3	2
25.60	80	41.6	116	20	8	240.6	.56	241.1	239.8	8
25.80	102	30.7	152	7	16	221.7	.42	222.6	220.6	16
26.00	121	15.3	161	98	16	202.9	.24	203.6	202.6	16
26.20	131	14.5	171	113	16	184.1	.25	184.8	183.8	16
26.40	145	16.0	190	123	16	165.3	.26	166.0	165.0	16
26.60	174	20.9	226	149	16	146.7	.38	147.4	146.2	16
26.80	259	31.4	331	220	16	128.4	.52	129.6	127.8	16
27.00	415	32.0	483	382	14	110.4	.47	111.4	109.8	14
27.10	522	28.0	585	494	13	101.6	.41	102.4	101.1	13
27.20	645	29.5	709	606	12	92.9	.35	93.6	92.4	12
27.30	790	32.3	860	738	12	84.1	.29	84.7	83.6	12
27.40	984	28.6	1049	946	12	75.4	.21	75.8	75.0	12
27.50	1251	45.6	1310	1191	11	66.6	.21	66.9	66.2	11
27.60	1643	49.6	1711	1574	7	58.1	.13	58.2	57.9	7
27.70	2321	94.2	2444	2208	5	49.5	.09	49.6	49.4	5
27.75	3142	222.4	3471	2981	4	46.1	.36	46.6	45.8	4
27.76	3325	35.8	3365	3296	3	45.8	.06	45.8	45.7	3

SIGMA -T.	THETA MEAN	S.D.	MAX	MIN	N	SVA (THETA) MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
25.40	7.58	.014	7.59	7.57	2	258.5	.00	258.5	258.5	2
25.60	6.72	.277	7.00	6.27	8	239.2	.48	239.6	238.1	8
25.80	6.02	.528	6.88	5.38	16	219.9	.44	220.5	218.9	16
26.00	5.89	.506	6.73	5.02	16	201.1	.31	201.5	200.6	16
26.20	5.89	.485	6.86	5.13	16	181.9	.43	182.5	181.2	16
26.40	5.84	.480	6.89	5.00	16	163.3	.16	163.5	163.0	16
26.60	5.64	.429	6.50	4.98	16	144.4	.08	144.5	144.2	16
26.80	4.92	.295	5.58	4.47	16	125.3	.17	125.4	124.8	16
27.00	4.13	.211	4.50	3.68	14	106.3	.12	106.4	106.1	14
27.10	3.91	.152	4.14	3.66	13	96.7	.09	96.9	96.6	13
27.20	3.64	.102	3.79	3.44	12	87.2	.09	87.3	87.1	12
27.30	3.34	.073	3.45	3.20	12	77.7	.05	77.8	77.6	12
27.40	2.99	.054	3.05	2.90	12	68.1	.09	68.2	67.9	12
27.50	2.57	.055	2.66	2.50	11	58.5	.10	58.6	58.3	11
27.60	2.11	.052	2.18	2.04	7	48.7	.08	48.8	48.6	7
27.70	1.63	.045	1.69	1.57	5	39.1	.01	39.1	39.1	5
27.75	1.36	.059	1.42	1.28	4	34.0	.13	34.1	33.8	4
27.76	1.32	.020	1.34	1.30	3	32.9	.01	32.9	32.9	3

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DELTA D

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	1.550	.4101	1.840	1.260	2
25.60	2.023	1.0764	3.010	.480	8
25.80	2.451	.7855	3.720	.150	16
26.00	2.866	.4367	3.920	2.250	16
26.20	3.070	.4182	4.100	2.500	16
26.40	3.307	.4516	4.450	2.680	16
26.60	3.767	.4999	5.010	3.080	16
26.80	4.919	.5682	6.040	4.100	16
27.00	6.794	.5825	7.890	6.030	14
27.10	7.925	.5445	8.990	7.230	13
27.20	9.152	.5624	10.210	8.280	12
27.30	10.449	.5939	11.580	9.680	12
27.40	12.013	.5543	13.110	11.310	12
27.50	13.875	.6395	14.870	12.980	11
27.60	16.424	.5754	17.160	15.550	7
27.70	19.900	.6739	20.680	19.160	5
27.75	23.733	1.2360	25.560	22.870	4
27.76	24.497	.1357	24.580	24.340	3

POT. ENERGY

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	.49	.247	.66	.31	2
25.60	1.03	.763	1.78	.05	8
25.80	1.38	.642	2.90	.01	16
26.00	1.78	.510	3.21	1.14	16
26.20	2.04	.516	3.52	1.42	16
26.40	2.38	.607	4.16	1.64	16
26.60	3.15	.790	5.36	2.20	16
26.80	5.74	1.359	8.77	4.14	16
27.00	12.23	2.004	16.48	10.13	14
27.10	17.68	2.155	22.50	15.53	13
27.20	24.95	2.560	30.63	21.51	12
27.30	34.52	3.167	41.61	29.96	12
27.40	48.74	3.355	56.64	44.41	12
27.50	70.66	5.196	77.78	63.73	11
27.60	107.63	6.508	114.93	97.94	7
27.70	180.98	13.635	198.68	165.37	5
27.75	292.58	39.875	351.76	264.67	4
27.76	318.09	6.416	325.14	312.59	3

DELTA DH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	10.813	.3239	11.042	10.584	2
25.60	10.235	.6106	11.459	9.408	6
25.80	9.516	.3817	10.261	8.891	11
26.00	9.208	.3496	9.917	8.697	12
26.20	8.994	.3256	9.705	8.514	12
26.40	8.751	.3080	9.346	8.168	12
26.60	8.258	.2252	8.453	7.607	12
26.80	7.061	.2787	7.465	6.499	12
27.00	5.221	.2839	5.632	4.664	12
27.10	4.091	.2104	4.275	3.661	12
27.20	2.906	.2179	3.216	2.437	12
27.30	1.609	.2465	2.008	1.073	12
27.40	.047	.2206	.336	-0.458	12
27.50	-1.864	.3401	-1.410	-2.290	11
27.60	-4.327	.3602	-3.832	-4.790	7
27.70	-7.951	.5902	-7.262	-8.708	5
27.75	-11.872	1.2480	-10.970	-13.719	4
27.76	-12.631	.2101	-12.445	-12.859	3

ACC. POT.

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	12.357	.0799	12.413	12.300	2
25.60	12.239	.2935	12.613	11.939	6
25.80	11.908	.2869	12.409	11.471	11
26.00	11.666	.2715	12.187	11.290	12
26.20	11.428	.2612	11.941	11.087	12
26.40	11.168	.2524	11.673	10.865	12
26.60	10.873	.2377	11.370	10.611	12
26.80	10.482	.1990	10.910	10.270	12
27.00	9.874	.1369	10.172	9.691	12
27.10	9.462	.1081	9.697	9.318	12
27.20	8.947	.0807	9.126	8.829	12
27.30	8.313	.0512	8.426	8.241	12
27.40	7.535	.0217	7.577	7.497	12
27.50	6.557	.0141	6.578	6.529	11
27.60	5.318	.0570	5.385	5.255	7
27.70	3.677	.1279	3.794	3.529	5
27.75	2.836	.1049	2.930	2.701	4
27.76	2.818	.0767	2.898	2.745	3

OXYGEN

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	6.47	n/a	n/a	n/a	1
25.60	6.15	n/a	n/a	n/a	1
25.80	5.86	n/a	n/a	n/a	1
26.00	5.58	n/a	n/a	n/a	1
26.20	5.13	n/a	n/a	n/a	1
26.40	4.72	n/a	n/a	n/a	1
26.60	4.19	n/a	n/a	n/a	1
26.80	2.69	n/a	n/a	n/a	1
27.00	1.24	n/a	n/a	n/a	1
27.10	.73	n/a	n/a	n/a	1
27.20	.47	n/a	n/a	n/a	1
27.30	.30	n/a	n/a	n/a	1
27.40	.24	n/a	n/a	n/a	1
27.50	.40	n/a	n/a	n/a	1
27.60	.84	n/a	n/a	n/a	1
27.70	1.68	n/a	n/a	n/a	1
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

SOUND

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	1479	.0	1479	1479	2
25.60	1476	1.8	1478	1473	8
25.80	1474	2.5	1478	1471	16
26.00	1474	2.2	1478	1470	16
26.20	1474	2.1	1478	1471	16
26.40	1475	2.1	1479	1471	16
26.60	1475	2.0	1479	1472	16
26.80	1473	1.9	1478	1471	16
27.00	1473	1.3	1476	1471	14
27.10	1474	1.0	1476	1473	13
27.20	1475	.9	1477	1474	12
27.30	1476	.8	1478	1475	12
27.40	1478	.6	1479	1477	12
27.50	1481	.8	1482	1480	11
27.60	1486	.7	1487	1485	7
27.70	1496	1.6	1498	1494	5
27.75	1510	3.7	1515	1507	4
27.76	1512	.6	1513	1512	3

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TEMPERATURE

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	8.89	.007	8.90	8.89	2
25.40	7.81	.388	8.81	7.40	15
25.60	6.84	.322	7.66	6.15	34
25.80	6.25	.554	7.31	5.41	35
26.00	6.07	.607	7.32	4.97	35
26.20	5.99	.580	7.21	4.95	35
26.40	5.92	.539	6.98	4.84	35
26.60	5.77	.442	6.52	4.75	35
26.80	4.99	.263	5.54	4.31	35
27.00	4.19	.174	4.52	3.68	34
27.10	3.96	.109	4.15	3.67	33
27.20	3.70	.073	3.89	3.52	32
27.30	3.40	.063	3.53	3.31	33
27.40	3.04	.064	3.26	2.96	31
27.50	2.65	.068	2.86	2.50	28
27.60	2.22	.053	2.32	2.09	15
27.70	1.78	.031	1.82	1.73	9
27.75	1.58	.018	1.62	1.56	9
27.76	1.55	.018	1.58	1.54	6

SALINITY

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
32.529	.0301	32.551	32.508	2
33.554	.0712	33.738	33.476	15
33.636	.0553	33.778	33.519	34
33.797	.0855	33.969	33.661	35
33.924	.0956	33.226	33.850	35
33.264	.0924	33.460	33.104	35
33.503	.0840	33.675	33.347	35
33.732	.0680	33.850	33.578	35
33.866	.0376	33.947	33.772	35
34.009	.0222	34.051	33.943	34
34.104	.0142	34.130	34.067	33
34.197	.0083	34.220	34.174	32
34.286	.0073	34.301	34.275	33
34.370	.0075	34.395	34.360	31
34.451	.0071	34.473	34.437	28
34.534	.0044	34.540	34.523	15
34.614	.0053	34.618	34.609	9
34.656	.0035	34.660	34.654	9
34.666	.0000	34.669	34.665	6

DEPTH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	11	10.6	18	3	2
25.40	36	19.8	76	6	15
25.60	71	27.2	123	10	34
25.80	97	23.3	139	26	35
26.00	115	13.6	157	91	35
26.20	126	15.7	181	100	35
26.40	140	17.2	202	115	35
26.60	166	23.2	253	138	35
26.80	251	31.6	340	184	35
27.00	411	38.2	508	322	34
27.10	515	38.5	587	399	33
27.20	635	37.4	697	530	32
27.30	786	39.3	855	680	32
27.40	984	39.8	1054	895	31
27.50	1250	51.9	1358	1147	28
27.60	1638	68.1	1771	1500	15
27.70	2308	54.2	2381	2223	9
27.75	3059	147.0	3286	2825	9
27.76	3341	199.0	3548	2984	6

SVA

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
277.8	.14	277.9	277.7	2
259.1	.28	259.7	258.7	15
240.5	.37	241.3	239.7	34
221.7	.36	222.6	220.8	35
202.9	.30	203.9	202.5	35
184.1	.32	185.3	183.7	35
165.3	.35	166.5	164.8	35
146.6	.42	148.1	146.1	35
128.3	.44	129.7	127.6	35
110.4	.47	111.5	109.4	34
101.6	.42	102.4	100.5	33
92.8	.36	93.5	91.9	32
84.1	.32	84.7	83.4	32
75.3	.28	75.9	74.7	31
66.6	.24	67.0	66.1	28
58.0	.25	58.4	57.5	15
49.4	.08	49.5	49.3	9
45.8	.42	46.5	45.4	9
45.5	.45	45.9	44.6	6

THETA

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	8.89	.000	8.89	8.89	2
25.40	7.81	.389	8.81	7.40	15
25.60	6.83	.322	7.65	6.14	34
25.80	6.25	.523	7.30	5.41	35
26.00	6.07	.607	7.31	4.96	35
26.20	5.98	.579	7.20	4.94	35
26.40	5.91	.537	6.96	4.83	35
26.60	5.76	.439	6.49	4.74	35
26.80	4.97	.261	5.51	4.30	35
27.00	4.16	.172	4.49	3.65	34
27.10	3.92	.108	4.12	3.63	33
27.20	3.65	.071	3.84	3.48	32
27.30	3.35	.062	3.47	3.26	32
27.40	2.98	.066	3.20	2.89	31
27.50	2.56	.069	2.77	2.41	28
27.60	2.10	.058	2.22	1.97	15
27.70	1.62	.036	1.67	1.56	9
27.75	1.35	.032	1.41	1.31	9
27.76	1.30	.037	1.36	1.26	6

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
275.1	2.33	276.8	273.5	2
256.1	.68	256.5	255.6	15
239.2	.45	239.5	237.4	34
220.1	.45	220.5	218.9	35
201.0	.42	201.5	199.6	35
182.0	.44	182.5	181.1	35
163.2	.21	163.5	162.6	35
144.3	.08	144.5	144.2	35
125.4	.07	125.5	125.4	35
106.3	.11	106.4	106.1	34
96.7	.10	96.9	96.6	33
87.2	.08	87.3	87.1	32
77.7	.04	77.8	77.6	32
68.1	.08	68.2	67.9	31
58.5	.11	58.6	58.3	28
48.7	.16	49.1	48.5	15
39.1	.03	39.1	39.0	9
34.0	.08	34.1	33.9	9
32.9	.11	33.1	32.8	6

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DELTA D

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	.305	.3041	.520	.090	2
25.40	.969	.5339	2.070	.170	15
25.60	1.794	.6995	3.210	.250	34
25.80	2.417	.6053	3.570	.600	35
26.00	2.795	.3692	3.960	2.170	35
26.20	3.015	.4010	4.440	2.380	35
26.40	3.222	.4263	4.800	2.750	35
26.60	3.652	.5245	5.600	2.920	35
26.80	4.823	.6323	6.820	3.530	35
27.00	6.721	.6995	8.830	5.170	34
27.10	7.838	.7014	9.690	5.990	33
27.20	9.025	.6894	10.750	7.250	33
27.30	10.370	.7025	12.040	8.590	33
27.40	11.353	.7072	13.590	10.290	31
27.50	13.869	.7948	15.620	12.090	28
27.60	16.145	.8687	17.540	14.300	15
27.70	20.027	.6730	20.780	18.630	9
27.75	23.633	1.0047	24.770	21.510	9
27.76	24.890	1.4350	26.450	22.240	6

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
.03	.035	.05	.00	2
.23	.223	.79	.01	15
.74	.466	2.00	.01	34
1.25	.489	2.48	.08	35
1.62	.417	3.07	.99	35
1.90	.513	3.90	1.17	35
2.23	.596	4.60	1.53	35
2.88	.867	6.48	1.96	35
5.40	1.386	10.16	2.96	35
11.88	2.326	18.90	7.19	34
17.17	3.700	23.71	10.24	33
24.16	3.109	30.72	16.26	32
33.99	3.743	40.90	24.54	32
48.44	4.482	56.56	38.33	31
70.38	6.335	81.37	57.16	28
106.78	9.320	123.50	87.19	15
180.35	8.900	192.33	164.05	9
280.65	24.970	317.16	239.02	9
324.59	35.260	360.31	261.00	6

DELTA DH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	12.121	.7715	12.666	11.575	2
25.40	11.242	.6314	12.053	10.020	13
25.60	10.209	.5856	11.403	9.341	31
25.80	9.619	.3492	10.755	9.110	32
26.00	9.236	.1863	9.501	8.828	32
26.20	9.015	.2135	9.295	8.429	32
26.40	8.776	.1992	9.039	8.242	32
26.60	8.367	.2114	8.686	7.677	32
26.80	7.174	.2208	7.583	6.463	32
27.00	5.251	.2847	5.835	4.448	32
27.10	4.154	.2859	5.011	3.593	32
27.20	2.982	.2745	3.747	2.528	32
27.30	1.637	.2908	2.414	1.117	32
27.40	.045	.3018	.708	-0.495	31
27.50	-1.858	.3899	-1.087	-2.639	28
27.60	-4.299	.4960	-3.296	-5.258	15
27.70	-7.525	.3836	-7.242	-8.482	9
27.75	-11.330	.8272	-10.120	-12.671	9
27.76	-12.847	1.0916	-10.852	-13.854	6

ACC. POT.

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
12.418	.4837	12.760	12.076	2
12.231	.4055	13.243	11.796	13
11.940	.3903	13.058	10.995	31
11.764	.3642	12.811	10.956	32
11.562	.3394	12.535	10.822	32
11.335	.3191	12.218	10.612	32
11.087	.2964	11.863	10.378	32
10.807	.2697	11.451	10.125	32
10.440	.2264	10.910	9.835	32
9.850	.1692	10.155	9.584	32
9.439	.1358	9.655	9.058	32
8.932	.1001	9.094	8.655	32
8.309	.0656	8.409	8.134	32
7.531	.0283	7.582	7.459	31
6.552	.0236	6.606	6.501	28
5.304	.0699	5.426	5.154	15
3.626	.1512	3.875	3.375	9
2.702	.1387	2.919	2.464	9
2.580	.1635	2.701	2.275	6

OXYGEN

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	7.19	.318	7.42	6.97	2
25.60	6.99	.250	7.29	6.65	7
25.80	6.47	.443	7.01	5.86	7
26.00	5.90	.508	6.44	5.14	7
26.20	5.44	.474	6.01	4.74	7
26.40	4.99	.453	5.56	4.40	7
26.60	4.25	.629	5.03	3.20	7
26.80	2.77	.422	3.52	2.29	7
27.00	1.34	.190	1.67	1.14	6
27.10	.91	.107	1.10	.80	6
27.20	.62	.063	.70	.54	6
27.30	.45	.028	.48	.41	6
27.40	.40	.040	.45	.35	6
27.50	.54	.048	.61	.47	6
27.60	1.00	.076	1.13	.95	5
27.70	1.87	.076	1.98	1.82	4
27.75	2.61	.071	2.68	2.55	4
27.76	2.83	.054	2.91	2.79	4

SOUND

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
1483	.0	1483	1483	2
1480	1.6	1484	1478	15
1477	1.5	1480	1474	34
1475	2.5	1480	1470	35
1475	2.7	1481	1470	35
1475	2.6	1481	1470	35
1475	2.5	1481	1470	35
1475	2.1	1480	1471	35
1474	1.6	1477	1470	35
1473	1.4	1476	1470	34
1474	1.0	1476	1472	33
1475	.8	1476	1473	32
1476	.7	1478	1475	32
1478	.6	1479	1477	31
1481	.7	1482	1480	28
1486	1.0	1488	1484	15
1495	.9	1497	1494	9
1508	2.7	1512	1504	9
1512	3.5	1516	1506	6

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TEMPERATURE

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	11.17	n/a	n/a	n/a	1
25.00	10.08	.409	10.64	9.55	7
25.20	9.06	.506	9.71	8.23	17
25.40	7.87	.462	8.57	7.18	18
25.60	6.80	.391	7.40	6.17	18
25.80	6.11	.456	7.24	5.35	18
26.00	5.91	.491	7.18	5.17	18
26.20	5.91	.436	7.04	5.25	18
26.40	5.94	.427	6.88	5.34	18
26.60	5.79	.314	6.42	5.33	18
26.80	4.95	.172	5.29	4.69	17
27.00	4.14	.081	4.28	3.98	15
27.10	3.91	.091	4.02	3.74	15
27.20	3.67	.105	3.84	3.48	15
27.30	3.38	.109	3.53	3.14	15
27.40	3.05	.090	3.20	2.89	14
27.50	2.64	.070	2.78	2.51	13
27.60	2.27	.069	2.39	2.22	5
27.70	1.81	.021	1.83	1.80	2
27.75	1.60	n/a	n/a	n/a	1
27.76	1.57	n/a	n/a	n/a	1

SALINITY

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
32.477	n/a	n/a	n/a	1
32.498	.0834	32.616	32.382	7
32.540	.1040	32.670	32.370	17
32.563	.0878	32.698	32.435	18
32.631	.0689	32.748	32.522	18
32.773	.0747	32.956	32.655	18
32.996	.0790	33.200	32.880	18
33.248	.0683	33.429	33.158	18
33.506	.0674	33.657	33.420	18
33.734	.0492	33.834	33.665	18
33.859	.0247	33.910	33.822	17
34.001	.0107	34.021	33.980	15
34.097	.0121	34.113	34.076	15
34.193	.0130	34.214	34.169	15
34.283	.0134	34.302	34.254	15
34.370	.0102	34.387	34.352	14
34.450	.0073	34.465	34.435	13
34.538	.0057	34.548	34.534	5
34.618	.0046	34.619	34.616	2
34.658	n/a	n/a	n/a	1
34.668	n/a	n/a	n/a	1

DEPTH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	6	n/a	n/a	n/a	1
25.00	28	10.0	37	8	7
25.20	31	11.1	52	11	17
25.40	46	18.6	86	22	18
25.60	74	21.8	114	36	18
25.80	96	18.0	136	66	18
26.00	114	13.3	153	96	18
26.20	126	13.8	169	106	18
26.40	140	14.8	194	126	18
26.60	171	25.9	254	146	18
26.80	257	37.3	360	216	17
27.00	418	49.9	544	377	15
27.10	521	49.9	638	466	15
27.20	646	58.0	777	587	15
27.30	801	70.7	966	737	15
27.40	976	65.4	1150	894	14
27.50	1233	46.6	1339	1140	13
27.60	1573	76.4	1655	1440	5
27.70	2224	2.8	2226	2222	2
27.75	2875	n/a	n/a	n/a	1
27.76	3161	n/a	n/a	n/a	1

SVA

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
315.8	n/a	n/a	n/a	1
297.2	.17	297.3	296.8	7
278.1	.17	278.4	277.8	17
259.3	.25	259.8	258.9	18
240.5	.28	241.1	240.0	18
221.7	.28	222.5	221.3	18
202.9	.27	203.8	202.6	18
184.1	.35	185.0	183.8	18
165.3	.30	166.4	165.0	18
146.7	.43	148.1	146.3	18
128.3	.44	129.7	128.0	17
110.4	.46	111.6	110.0	15
101.6	.40	102.6	101.2	15
92.9	.40	93.9	92.4	15
84.1	.36	85.1	83.7	15
75.3	.26	76.0	75.0	14
66.4	.16	66.7	66.2	13
57.8	.23	58.0	57.4	5
49.4	.14	49.5	49.3	2
45.5	n/a	n/a	n/a	1
45.3	n/a	n/a	n/a	1

THETA

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	11.17	n/a	n/a	n/a	1
25.00	10.08	.410	10.64	9.55	7
25.20	9.06	.509	9.71	8.22	17
25.40	7.86	.463	8.56	7.18	18
25.60	6.79	.393	7.39	6.16	18
25.80	6.10	.457	7.23	5.35	18
26.00	5.90	.488	7.16	5.16	18
26.20	5.90	.434	7.02	5.24	18
26.40	5.93	.427	6.86	5.32	18
26.60	5.78	.312	6.40	5.33	18
26.80	4.93	.171	5.26	4.67	17
27.00	4.11	.082	4.25	3.95	15
27.10	3.87	.094	3.99	3.70	15
27.20	3.62	.107	3.80	3.42	15
27.30	3.32	.114	3.48	3.07	15
27.40	2.98	.093	3.14	2.82	14
27.50	2.56	.071	2.70	2.42	13
27.60	2.16	.075	2.29	2.11	5
27.70	1.66	.028	1.68	1.64	2
27.75	1.39	n/a	n/a	n/a	1
27.76	1.33	n/a	n/a	n/a	1

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
315.1	n/a	n/a	n/a	1
295.8	1.09	296.6	293.4	7
277.0	.60	277.6	275.6	17
258.2	.60	258.5	256.4	18
239.1	.60	239.5	237.8	18
220.1	.58	220.5	218.0	18
201.1	.51	201.5	199.4	18
182.2	.31	182.5	181.3	18
163.2	.25	163.4	162.7	18
144.4	.08	144.5	144.2	18
125.4	.04	125.4	125.3	17
106.3	.07	106.4	106.2	15
96.8	.04	96.8	96.7	15
87.2	.07	87.3	87.1	15
77.7	.04	77.7	77.6	15
68.1	.05	68.2	68.1	14
58.5	.09	58.6	58.3	13
48.8	.13	49.0	48.7	5
39.1	.01	39.1	39.1	2
34.1	n/a	n/a	n/a	1
33.0	n/a	n/a	n/a	1

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DELTA D

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	.190	n/a	n/a	n/a	1
25.00	.853	.3105	1.150	.550	7
25.20	.909	.3397	1.510	.530	17
25.40	1.301	.5455	2.470	.600	18
25.60	2.008	.6144	3.170	1.000	18
25.80	2.535	.5198	3.680	1.670	18
26.00	2.918	.3791	4.050	2.510	18
26.20	3.156	.3685	4.370	2.700	18
26.40	3.407	.3910	4.800	3.050	18
26.60	3.877	.5514	5.740	3.370	18
26.80	5.064	.7130	7.210	4.350	17
27.00	6.995	.8806	9.460	6.190	15
27.10	8.101	.8681	10.480	7.360	15
27.20	9.327	.9534	11.860	8.460	15
27.30	10.711	1.0658	13.440	9.790	15
27.40	12.054	.9872	15.050	11.060	14
27.50	13.755	.5089	15.000	12.810	13
27.60	15.866	.6731	16.280	14.680	5
27.70	19.510	.1980	19.650	19.370	2
27.75	22.460	n/a	n/a	n/a	1
27.76	23.780	n/a	n/a	n/a	1

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
.01	n/a	n/a	n/a	1
.13	.073	.22	.01	7
.16	.107	.40	.02	17
.34	.284	1.05	.07	18
.79	.445	1.77	.18	18
1.23	.486	2.43	.53	18
1.63	.422	2.97	1.14	18
1.93	.463	3.50	1.34	18
2.27	.550	4.30	1.76	18
2.85	.959	6.46	2.27	18
5.70	1.758	11.08	4.16	17
12.40	3.307	21.47	9.80	15
14.73	3.851	27.67	14.37	15
25.12	5.083	37.68	20.57	15
35.49	5.979	51.73	29.62	15
47.97	7.256	69.09	40.19	14
68.14	5.217	80.72	58.46	13
98.77	8.787	104.95	83.26	5
167.81	.827	168.40	167.23	2
249.93	n/a	n/a	n/a	1
290.98	n/a	n/a	n/a	1

DELTA DH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	12.102	n/a	n/a	n/a	1
25.00	11.723	.5880	12.752	11.144	6
25.20	11.310	.4817	12.546	10.586	14
25.40	10.892	.3875	11.530	10.197	15
25.60	10.151	.4650	11.013	9.375	15
25.80	9.656	.4076	10.255	9.024	15
26.00	9.264	.3515	10.148	8.804	15
26.20	9.024	.3585	10.052	8.631	15
26.40	8.781	.3138	9.738	8.475	15
26.60	8.341	.1674	8.670	8.025	15
26.80	7.150	.2465	7.514	6.553	15
27.00	5.221	.1502	5.522	4.304	15
27.10	4.115	.3524	4.526	3.282	15
27.20	2.890	.4337	3.353	1.905	15
27.30	1.505	.5497	1.983	.211	15
27.40	.101	.5091	.713	-1.283	14
27.50	-1.722	.3535	-1.035	-2.532	13
27.60	-3.835	.5258	-2.907	-4.203	5
27.70	-7.394	.0523	-7.357	-7.431	2
27.75	-10.528	n/a	n/a	n/a	1
27.76	-11.843	n/a	n/a	n/a	1

ACC. POT.

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
12.295	n/a	n/a	n/a	1
12.548	.6824	13.724	12.052	6
12.185	.5294	13.657	11.698	14
12.100	.4959	13.548	11.651	15
11.984	.4685	13.364	11.565	15
11.820	.4464	13.129	11.425	15
11.617	.4299	12.855	11.247	15
11.386	.4161	12.550	11.040	15
11.134	.4027	12.216	10.811	15
10.848	.3744	11.812	10.544	15
10.470	.3138	11.253	10.184	15
9.869	.2347	10.422	9.620	15
9.455	.1867	9.888	9.258	15
8.944	.1399	9.266	8.794	15
8.312	.0825	8.502	8.218	15
7.519	.0191	7.547	7.492	14
6.551	.0360	6.595	6.472	13
5.365	.0642	5.453	5.278	5
3.729	.0728	3.781	3.678	2
2.729	n/a	n/a	n/a	1
2.688	n/a	n/a	n/a	1

OXYGEN

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	n/a	n/a	n/a	n/a	0
25.60	n/a	n/a	n/a	n/a	0
25.80	n/a	n/a	n/a	n/a	0
26.00	n/a	n/a	n/a	n/a	0
26.20	n/a	n/a	n/a	n/a	0
26.40	n/a	n/a	n/a	n/a	0
26.60	n/a	n/a	n/a	n/a	0
26.80	n/a	n/a	n/a	n/a	0
27.00	n/a	n/a	n/a	n/a	0
27.10	n/a	n/a	n/a	n/a	0
27.20	n/a	n/a	n/a	n/a	0
27.30	n/a	n/a	n/a	n/a	0
27.40	n/a	n/a	n/a	n/a	0
27.50	n/a	n/a	n/a	n/a	0
27.60	n/a	n/a	n/a	n/a	0
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

SOUND

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
1491	n/a	n/a	n/a	1
1488	1.6	1490	1486	7
1484	1.8	1487	1481	17
1480	1.8	1483	1477	18
1476	1.7	1479	1474	18
1474	2.2	1480	1471	18
1474	2.1	1480	1471	18
1475	1.9	1480	1472	18
1475	1.9	1480	1473	18
1475	1.6	1479	1473	18
1473	1.2	1477	1472	17
1473	1.0	1476	1472	15
1474	.9	1476	1473	15
1475	.8	1477	1474	15
1477	1.0	1479	1475	15
1478	.9	1480	1477	14
1481	.6	1482	1480	13
1485	1.1	1486	1483	5
1494	.0	1494	1494	2
1505	n/a	n/a	n/a	1
1509	n/a	n/a	n/a	1

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TEMPERATURE

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	11.26	.096	11.42	11.17	6
25.00	10.15	.497	10.82	9.76	11
25.20	9.09	.398	9.92	8.53	12
25.40	7.96	.355	8.72	7.53	12
25.60	6.94	.515	7.70	6.23	12
25.80	6.41	.625	7.29	5.52	12
26.00	6.30	.781	7.59	5.26	12
26.20	6.26	.866	7.82	5.14	12
26.40	6.21	.881	7.76	5.01	12
26.60	5.94	.655	6.90	4.93	12
26.80	5.02	.398	5.65	4.38	12
27.00	4.27	.195	4.56	3.91	12
27.10	4.00	.130	4.18	3.75	12
27.20	3.71	.094	3.88	3.56	12
27.30	3.40	.063	3.54	3.31	12
27.40	3.06	.058	3.18	2.99	11
27.50	2.65	.044	2.73	2.59	9
27.60	2.20	.025	2.23	2.16	5
27.70	1.80	.015	1.81	1.78	3
27.75	1.59	.015	1.61	1.58	3
27.76	1.57	.010	1.58	1.56	3

SALINITY

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
32.500	.0281	32.531	32.470	6
32.518	.0583	32.657	32.439	11
32.557	.0667	32.708	32.475	12
32.587	.0716	32.751	32.505	12
32.657	.0895	32.786	32.534	12
32.822	.1009	32.966	32.679	12
33.066	.1289	33.282	32.900	12
33.308	.1406	33.570	33.131	12
33.554	.1437	33.814	33.367	12
33.761	.1036	33.919	33.607	12
33.871	.0581	33.967	33.781	12
34.020	.0257	34.060	33.974	12
34.109	.0169	34.133	34.078	12
34.198	.0116	34.219	34.178	12
34.286	.0086	34.303	34.274	12
34.371	.0059	34.386	34.363	11
34.451	.0053	34.459	34.446	9
34.532	.0077	34.535	34.525	5
34.615	.0000	34.617	34.613	3
34.658	.0008	34.660	34.656	3
34.667	.0000	34.668	34.666	3

DEPTH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	20	8.4	31	9	6
25.00	57	8.1	41	15	11
25.20	40	11.3	63	29	12
25.40	53	15.2	92	34	12
25.60	73	18.1	116	49	12
25.80	96	17.1	123	69	12
26.00	109	16.4	129	81	12
26.20	121	16.0	141	94	12
26.40	148	23.7	199	115	12
26.60	190	58.8	314	142	12
26.80	278	70.6	427	215	12
27.00	438	65.0	565	373	12
27.10	543	70.3	690	472	12
27.20	663	65.1	791	596	12
27.30	814	65.3	934	747	12
27.40	1001	74.5	1129	925	11
27.50	1270	73.9	1373	1199	9
27.60	1651	64.9	1728	1577	5
27.70	2232	66.3	2283	2157	3
27.75	2908	96.6	3003	2810	3
27.76	3160	198.1	3369	2975	3

SVA

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
316.1	.17	316.3	315.9	6
297.1	.17	297.3	296.9	11
278.3	.24	278.7	278.1	12
259.4	.26	260.0	259.1	12
240.5	.26	241.2	240.2	12
221.7	.23	222.3	221.4	12
202.9	.23	203.4	202.6	12
184.0	.21	184.4	183.8	12
165.5	.60	166.8	165.0	12
147.0	1.04	149.2	146.3	12
128.7	1.05	130.8	127.6	12
110.7	.76	112.2	109.8	12
101.9	.74	103.4	101.0	12
93.1	.59	94.2	92.4	12
84.3	.49	85.2	83.7	12
75.5	.44	76.3	75.0	11
66.7	.38	67.3	66.2	9
57.9	.28	58.4	57.7	5
49.3	.15	49.4	49.1	3
45.4	.06	45.5	45.4	3
45.1	.55	45.6	44.5	3

THETA

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	11.26	.093	11.41	11.17	6
25.00	10.15	.497	10.82	9.76	11
25.20	9.09	.398	9.92	8.52	12
25.40	7.95	.356	8.71	7.53	12
25.60	6.93	.516	7.69	6.22	12
25.80	6.40	.627	7.29	5.51	12
26.00	6.29	.780	7.58	5.25	12
26.20	6.25	.866	7.81	5.13	12
26.40	6.20	.879	7.74	5.00	12
26.60	5.93	.650	6.87	4.92	12
26.80	5.00	.391	5.61	4.36	12
27.00	4.24	.191	4.52	3.88	12
27.10	3.96	.128	4.18	3.71	12
27.20	3.66	.090	3.83	3.52	12
27.30	3.34	.064	3.49	3.25	12
27.40	2.98	.061	3.12	2.92	11
27.50	2.56	.045	2.64	2.50	9
27.60	2.09	.029	2.12	2.04	5
27.70	1.64	.025	1.66	1.61	3
27.75	1.38	.035	1.40	1.35	3
27.76	1.33	.035	1.36	1.29	3

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
315.0	.95	315.6	313.1	6
295.3	1.56	296.6	291.2	11
276.1	1.63	277.5	272.7	12
257.6	1.21	258.5	254.4	12
238.9	.61	239.5	237.6	12
220.1	.37	220.5	219.4	12
200.7	.58	201.4	199.9	12
182.1	.42	182.4	181.3	12
163.2	.20	163.4	162.7	12
144.2	.20	144.4	143.8	12
125.3	.14	125.4	125.0	12
106.2	.15	106.4	106.0	12
96.7	.11	96.9	96.5	12
87.2	.09	87.4	87.1	12
77.7	.07	77.7	77.5	12
68.1	.09	68.2	67.9	11
58.5	.13	58.6	58.3	9
48.7	.14	48.9	48.5	5
39.1	.01	39.1	39.1	3
34.1	.01	34.1	34.1	3
33.0	.15	33.2	32.9	3

STATION MP18 J U L Y 1956 to 1990

DELTA D

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	.655	.2691	.980	.390	6
25.00	.855	.3677	1.330	.450	11
25.20	1.238	.3449	1.890	.860	12
25.40	1.564	.4423	2.660	1.040	12
25.60	2.068	.5086	3.270	1.420	12
25.80	2.603	.4839	3.450	1.890	12
26.00	2.883	.4661	3.580	2.130	12
26.20	3.109	.4428	3.750	2.410	12
26.40	3.589	.4261	4.230	2.770	12
26.60	4.246	.9099	6.090	3.510	12
26.80	5.464	1.0522	7.640	4.670	12
27.00	7.385	.9954	9.370	6.510	12
27.10	8.501	1.0542	10.700	7.570	12
27.20	9.690	1.0065	11.700	8.770	12
27.30	11.037	1.0058	13.000	10.160	12
27.40	12.513	1.0744	14.580	11.640	11
27.50	14.497	1.1363	16.350	13.580	9
27.60	16.728	1.0890	18.590	15.890	5
27.70	19.443	.4028	19.760	18.990	3
27.75	22.677	.5608	23.220	22.100	3
27.76	23.847	1.0384	24.930	22.860	3

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
.08	.052	.15	.01	6
.23	.072	.28	.03	11
.27	.156	.60	.13	12
.44	.279	1.21	.18	12
.78	.410	1.86	.34	12
1.24	.438	2.08	.63	12
1.53	.456	2.24	.82	12
1.79	.475	2.48	1.06	12
2.48	.656	3.80	1.44	12
3.83	2.260	8.66	2.27	12
6.86	3.587	14.60	4.42	12
13.86	4.587	23.11	9.91	12
19.51	5.708	31.94	14.51	12
26.86	6.200	39.58	21.11	12
37.07	7.121	50.75	30.68	12
51.18	9.016	67.60	43.33	11
74.04	10.830	90.36	64.61	9
108.79	10.980	126.07	98.95	5
167.82	8.377	174.47	158.41	3
253.72	15.269	268.78	238.25	3
290.89	32.418	325.31	260.94	3

DELTA DH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	11.577	.3163	12.056	11.089	6
25.00	11.538	.7335	13.022	10.896	11
25.20	11.223	.6102	12.447	10.540	12
25.40	10.863	.6325	12.217	10.325	12
25.60	10.388	.7139	11.856	9.617	12
25.80	9.855	.8233	11.580	9.058	12
26.00	9.576	.8425	11.336	8.756	12
26.20	9.349	.8260	11.014	8.560	12
26.40	8.870	.3896	9.594	8.361	12
26.60	8.212	.4534	8.751	7.385	12
26.80	6.695	.5484	7.378	5.857	12
27.00	5.073	.4842	5.535	4.102	12
27.10	3.959	.5440	4.473	2.773	12
27.20	2.768	.4983	3.269	1.768	12
27.30	1.422	.5041	1.917	.477	12
27.40	-0.093	.5839	.483	-1.110	11
27.50	-2.026	.5988	-1.466	-2.879	9
27.60	-4.381	.5090	-3.848	-5.117	5
27.70	-7.392	.3912	-6.948	-7.687	3
27.75	-10.627	.5409	-10.065	-11.144	3
27.76	-11.795	1.0205	-10.823	-12.858	3

ACC. POT.

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
12.221	.1438	12.359	12.027	6
12.451	.5552	13.467	11.995	11
12.359	.5405	13.412	11.919	12
12.222	.5380	13.336	11.832	12
12.156	.5349	13.240	11.736	12
11.994	.5454	13.220	11.554	12
11.799	.5673	12.981	11.325	12
11.582	.5902	12.816	11.074	12
11.337	.6018	12.590	10.806	12
11.026	.5377	12.118	10.517	12
10.609	.4226	11.448	10.169	12
9.969	.2876	10.513	9.652	12
9.534	.2285	9.969	9.280	12
8.997	.1600	9.288	8.821	12
8.344	.0960	8.515	8.255	12
7.536	.0323	7.587	7.490	11
6.531	.0556	6.592	6.449	9
5.292	.1109	5.353	5.094	5
3.745	.0240	3.769	3.721	3
2.788	.0859	2.887	2.733	3
2.678	.0682	2.752	2.618	3

OXYGEN

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	6.44	n/a	n/a	n/a	1
25.00	6.74	.014	6.75	6.73	2
25.20	6.81	.201	7.00	6.60	3
25.40	6.80	.384	7.07	6.36	3
25.60	6.52	.702	6.96	5.71	3
25.80	6.06	.930	6.79	5.01	3
26.00	5.32	1.267	6.23	3.87	3
26.20	4.64	1.543	5.68	3.07	3
26.40	4.02	1.522	4.96	2.26	3
26.60	3.54	1.161	4.37	2.21	3
26.80	2.66	.764	3.25	1.80	3
27.00	1.37	.325	1.62	1.00	3
27.10	.97	.191	1.13	.76	3
27.20	.66	.101	.77	.57	3
27.30	.52	.050	.57	.47	3
27.40	.43	.010	.44	.42	3
27.50	.51	.040	.55	.47	3
27.60	.99	.007	.99	.98	2
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

SOUND

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
1492	.4	1493	1492	6
1488	1.3	1491	1487	11
1485	1.8	1488	1482	12
1481	1.5	1484	1479	12
1477	2.2	1480	1474	12
1476	2.8	1479	1472	12
1476	3.1	1480	1471	12
1476	3.6	1482	1471	12
1476	4.1	1484	1471	12
1476	3.4	1482	1472	12
1474	2.8	1479	1470	12
1474	1.8	1477	1471	12
1475	1.7	1478	1472	12
1476	1.2	1478	1474	12
1477	1.3	1479	1475	12
1479	1.3	1481	1477	11
1481	1.3	1483	1480	9
1486	1.8	1487	1485	3
1494	1.2	1495	1493	3
1505	2.0	1507	1503	3
1509	3.5	1513	1506	3

STATION MP18 A U G U S T 1956 to 1998

TEMPERATURE

SIGMA -T-	MEAN	S.D.	MAX	MIN	N
24.20	14.07	.277	14.57	13.70	17
24.40	13.21	.325	13.93	12.78	21
24.60	12.28	.366	13.07	11.53	26
24.80	11.57	.370	12.00	10.70	26
25.00	10.18	.402	11.02	9.58	26
25.20	9.12	.424	10.19	8.54	26
25.40	8.05	.425	9.41	7.39	26
25.60	7.09	.417	8.14	6.38	26
25.80	6.37	.570	7.20	5.51	26
26.00	6.06	.570	7.11	5.22	26
26.20	5.96	.532	7.00	5.08	26
26.40	5.90	.537	6.81	4.94	26
26.60	5.74	.512	6.57	4.85	26
26.80	4.96	.284	5.58	4.31	25
27.00	4.12	.148	4.33	3.72	23
27.10	3.91	.092	4.06	3.65	22
27.20	3.67	.058	3.81	3.59	22
27.30	3.38	.071	3.53	3.29	22
27.40	3.04	.063	3.17	2.93	22
27.50	2.64	.064	2.75	2.54	21
27.60	2.23	.068	2.37	2.17	8
27.70	1.78	.036	1.83	1.75	4
27.75	1.59	.035	1.63	1.57	3
27.76	1.60	n/a	n/a	n/a	1

SALINITY

MEAN	S.D.	MAX	MIN	N
32.441	.0702	32.551	32.334	17
32.474	.0609	32.640	32.347	21
32.500	.0933	32.672	32.298	26
32.521	.0908	32.722	32.368	26
32.541	.0914	32.727	32.399	26
32.569	.0902	32.820	32.428	26
32.603	.0814	32.859	32.493	26
32.652	.0740	32.891	32.565	26
32.715	.0943	32.949	32.578	26
32.819	.0911	33.188	32.690	26
33.258	.0829	33.423	33.125	26
33.500	.0840	33.646	33.353	26
33.727	.0787	33.858	33.593	26
33.862	.0408	33.953	33.771	25
34.000	.0192	34.026	33.948	23
34.098	.0125	34.118	34.064	22
34.193	.0064	34.213	34.183	22
34.283	.0085	34.302	34.272	22
34.369	.0078	34.384	34.356	22
34.450	.0061	34.461	34.439	21
34.534	.0078	34.546	34.529	8
34.614	.0000	34.618	34.611	4
34.657	.0066	34.661	34.655	3
34.670	n/a	n/a	n/a	1

DEPTH

SIGMA -T-	MEAN	S.D.	MAX	MIN	N
24.20	29	5.7	39	19	17
24.40	32	5.9	42	17	21
24.60	35	6.5	46	11	26
24.80	39	7.1	45	17	26
25.00	46	8.5	56	19	26
25.20	43	10.0	65	21	26
25.40	54	13.5	88	30	26
25.60	73	15.7	107	38	26
25.80	98	13.8	119	71	26
26.00	113	12.6	130	78	26
26.20	127	15.6	146	83	26
26.40	142	17.7	165	89	26
26.60	169	18.6	205	113	26
26.80	252	17.7	286	214	25
27.00	415	28.2	473	352	23
27.10	520	33.0	574	458	22
27.20	643	33.4	698	557	22
27.30	793	34.0	846	703	22
27.40	989	43.1	1053	895	22
27.50	1251	57.8	1341	1107	21
27.60	1608	93.8	1694	1416	8
27.70	2295	114.3	2408	2135	4
27.75	3157	391.7	3477	2720	3
27.76	2891	n/a	n/a	n/a	1

SVA

MEAN	S.D.	MAX	MIN	N
373.3	.14	373.5	373.0	17
354.5	.15	354.9	353.9	21
335.2	.16	335.5	334.9	26
316.2	.13	316.6	315.9	26
297.3	.17	297.6	296.9	26
278.3	.19	278.6	278.0	26
259.4	.21	259.9	259.0	26
240.6	.26	241.0	240.0	26
221.9	.31	222.1	221.3	26
202.9	.31	203.2	202.3	26
184.1	.34	184.4	183.6	26
165.3	.37	165.6	164.7	26
146.6	.32	147.4	146.1	26
128.3	.29	128.9	127.8	25
110.3	.35	111.0	109.6	23
101.6	.35	102.2	100.9	22
92.8	.38	93.5	92.3	22
84.1	.39	84.8	83.6	22
75.4	.41	75.8	74.9	22
66.5	.31	66.9	66.0	21
57.8	.31	58.2	57.3	8
49.3	.28	49.5	48.9	4
46.1	.79	46.7	45.2	3
44.4	n/a	n/a	n/a	1

THETA

SIGMA -T-	MEAN	S.D.	MAX	MIN	N
24.20	14.07	.277	14.57	13.70	17
24.40	13.21	.325	13.93	12.78	21
24.60	12.28	.366	13.07	11.53	26
24.80	11.57	.371	11.99	10.70	26
25.00	10.18	.403	11.02	9.58	26
25.20	9.11	.424	10.16	8.53	26
25.40	8.05	.425	9.40	7.39	26
25.60	7.08	.417	8.13	6.37	26
25.80	6.36	.568	7.19	5.50	26
26.00	6.05	.571	7.10	5.21	26
26.20	5.95	.532	6.99	5.07	26
26.40	5.89	.536	6.80	4.93	26
26.60	5.72	.511	6.55	4.84	26
26.80	4.94	.283	5.56	4.49	25
27.00	4.09	.145	4.30	3.70	23
27.10	3.87	.091	4.02	3.61	22
27.20	3.62	.058	3.76	3.54	22
27.30	3.35	.071	3.48	3.33	22
27.40	3.09	.064	3.19	2.86	22
27.50	2.75	.066	2.87	2.46	21
27.60	2.33	.076	2.48	2.05	8
27.70	1.82	.045	1.88	1.78	4
27.75	1.34	.076	1.43	1.29	3
27.76	1.38	n/a	n/a	n/a	1

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
371.0	2.15	372.8	366.1	17
351.9	1.99	353.7	346.0	21
332.8	1.80	334.7	328.9	26
313.8	1.95	315.6	309.4	26
294.8	2.13	296.6	290.0	26
275.8	1.92	277.6	270.5	26
256.7	1.10	258.5	253.5	26
237.9	.58	239.5	237.4	26
220.1	.41	220.5	218.9	26
201.1	.42	201.5	199.6	26
182.1	.39	182.5	181.4	26
163.3	.15	163.5	163.9	26
144.4	.00	144.5	144.2	26
125.3	.00	125.4	125.1	26
106.3	.13	106.4	106.1	26
96.7	.08	96.9	96.6	25
87.2	.08	87.3	87.1	23
77.9	.05	77.8	77.6	22
68.1	.07	68.2	68.0	22
58.5	.12	58.8	58.3	21
48.5	.18	49.0	48.6	8
39.1	.08	39.2	39.0	4
34.0	.21	34.2	33.8	3
33.2	n/a	n/a	n/a	1

STATION MP18 A U G U S T 1956 to 1990

DELTA D

SIGMA -T	MEAN	S.D.	MAX	MIN	N
24.20	.815	.2494	1.220	.380	17
24.40	.880	.2587	1.310	.540	21
24.60	.953	.2786	1.450	.580	26
24.80	1.134	.2889	1.550	.800	26
25.00	1.267	.2935	1.650	.840	26
25.20	1.390	.3865	2.220	.720	26
25.40	1.788	.4547	2.940	1.040	26
25.60	2.281	.5456	3.550	1.260	26
25.80	2.834	.4190	3.540	1.990	26
26.00	3.179	.3800	3.750	2.380	26
26.20	3.437	.4037	4.000	2.480	26
26.40	3.704	.4300	4.520	2.590	26
26.60	4.124	.4254	4.810	2.960	26
26.80	4.550	.3811	5.340	4.350	26
27.00	5.200	.4910	6.000	4.410	23
27.10	6.326	.5371	9.230	7.380	22
27.20	9.552	.5499	10.430	8.500	22
27.30	10.875	.5459	11.790	9.850	22
27.40	12.445	.6054	13.420	11.350	22
27.50	14.302	.6804	15.380	13.170	21
27.60	16.560	.7897	17.460	15.150	8
27.70	20.412	.9821	21.330	19.020	4
27.72	24.497	2.4255	26.500	21.800	3
27.76	22.580	n/a	n/a	n/a	1

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.09	.049	.18	.02	17
.11	.053	.21	.01	21
.13	.064	.26	.02	26
.18	.061	.28	.05	26
.24	.109	.55	.06	26
.32	.146	.72	.08	26
.48	.239	1.20	.15	26
.62	.370	1.61	.23	26
1.29	.356	1.92	.83	26
1.66	.373	2.22	.84	26
1.99	.440	2.81	.92	26
2.36	.516	3.03	1.01	26
2.83	.598	4.22	1.40	26
3.45	.733	6.28	1.70	26
13.14	1.575	15.50	9.01	23
17.52	2.128	21.50	13.81	22
24.65	2.608	29.52	20.17	22
34.63	3.085	39.52	29.30	22
49.03	4.294	55.60	40.68	22
70.69	6.391	81.06	56.37	21
103.44	11.183	115.12	81.31	8
179.06	17.601	196.59	154.71	4
297.86	66.438	353.72	224.39	3
246.99	n/a	n/a	n/a	1

DELTA DH

SIGMA -T	MEAN	S.D.	MAX	MIN	N
24.20	11.679	.3260	12.332	10.974	14
24.40	11.592	.3041	12.107	10.876	17
24.60	11.500	.3078	12.083	10.807	22
24.80	11.322	.3225	11.900	10.722	22
25.00	11.148	.3212	11.744	10.593	22
25.20	10.948	.3741	11.481	10.417	22
25.40	10.645	.3285	11.310	10.132	22
25.60	10.148	.3045	10.951	9.504	22
25.80	9.625	.3733	10.203	9.112	22
26.00	9.291	.3649	9.961	8.807	22
26.20	9.038	.3025	9.816	8.544	22
26.40	8.771	.3193	9.545	8.273	22
26.60	8.367	.2676	8.938	7.973	22
26.80	7.906	.1456	7.554	6.883	22
27.00	5.536	.2053	5.939	4.814	22
27.10	4.159	.3449	4.589	3.725	22
27.20	2.934	.3445	3.376	2.501	22
27.30	1.581	.4295	2.023	1.100	22
27.40	.010	.4250	.724	-.481	22
27.50	-1.870	.4330	-1.004	-2.552	21
27.60	-4.085	.6676	-2.728	-4.718	8
27.70	-7.850	.7634	-6.778	-8.574	4
27.72	-11.984	2.1703	-9.560	-13.746	3
27.76	-10.339	n/a	n/a	n/a	1

ACC. POT.

MEAN	S.D.	MAX	MIN	N
12.472	.3459	12.980	11.864	14
12.404	.3166	12.923	11.816	17
12.351	.3049	12.859	11.764	22
12.298	.2994	12.789	11.706	22
12.234	.2916	12.691	11.645	22
12.159	.2822	12.576	11.572	22
12.068	.2754	12.484	11.485	22
11.943	.2683	12.380	11.371	22
11.786	.2448	12.210	11.238	22
11.586	.2294	11.993	11.096	22
11.361	.2155	11.741	10.943	22
11.111	.2045	11.459	10.781	22
10.826	.1939	11.185	10.507	22
10.457	.1748	10.781	10.148	22
9.865	.1445	10.105	9.611	22
9.455	.1207	9.638	9.241	22
8.945	.0899	9.095	8.678	22
8.311	.0584	8.399	8.193	22
7.531	.0263	7.561	7.462	22
6.543	.0248	6.577	6.505	21
5.319	.0716	5.465	5.238	8
3.606	.1464	3.805	3.485	4
2.811	.0763	2.896	2.748	3
2.681	n/a	n/a	n/a	1

OXYGEN

SIGMA -T	MEAN	S.D.	MAX	MIN	N
24.20	6.43	.086	6.53	6.35	4
24.40	6.63	.062	6.72	6.54	4
24.60	6.74	.091	6.88	6.65	5
24.80	6.77	.086	6.85	6.65	5
25.00	6.78	.192	6.91	6.46	5
25.20	6.75	.358	6.98	6.15	5
25.40	6.69	.480	7.04	5.86	5
25.60	6.53	.581	6.78	5.53	5
25.80	6.32	.577	6.70	5.56	5
26.00	6.08	.511	6.36	5.87	5
26.20	5.48	.452	6.10	4.89	5
26.40	4.96	.487	5.72	4.33	5
26.60	4.34	.454	5.06	3.91	5
26.80	2.89	.203	3.21	2.69	5
27.00	1.42	.109	1.55	1.30	5
27.10	.98	.074	1.06	.88	5
27.20	.69	.077	.79	.61	5
27.30	.47	.052	.51	.38	5
27.40	.41	.051	.48	.35	5
27.50	.36	.112	.70	.23	4
27.60	.96	.051	1.02	.92	3
27.70	1.84	.071	1.89	1.79	3
27.75	2.73	.113	2.81	2.65	3
27.76	n/a	n/a	n/a	n/a	0

SOUND

MEAN	S.D.	MAX	MIN	N
1502	1.0	1503	1500	17
1498	1.1	1501	1497	21
1496	1.5	1499	1493	26
1493	1.4	1495	1490	26
1488	1.7	1492	1486	26
1485	1.7	1489	1482	26
1481	1.7	1486	1478	26
1478	1.7	1482	1475	26
1475	2.4	1479	1472	26
1474	2.4	1479	1471	26
1475	2.2	1479	1471	26
1475	2.3	1479	1471	26
1473	2.3	1479	1471	26
1473	1.4	1476	1470	26
1473	1.0	1475	1471	23
1474	.9	1475	1472	22
1475	.7	1476	1474	22
1476	.7	1477	1475	22
1478	.6	1479	1477	21
1481	.9	1483	1479	21
1485	1.4	1489	1483	8
1496	1.7	1497	1493	4
1509	6.7	1515	1502	3
1505	n/a	n/a	n/a	1

STATION MP18 S E P T E M B E R 1956 to 1990

TEMPERATURE

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	14.09	.422	14.77	13.27	13
24.40	13.14	.422	13.72	12.22	20
24.60	12.13	.478	12.93	11.25	21
24.80	11.11	.473	11.80	10.28	21
25.00	10.11	.450	10.76	9.30	21
25.20	9.11	.401	9.64	8.39	21
25.40	8.03	.412	8.68	7.26	21
25.60	7.03	.459	7.78	6.30	21
25.80	6.29	.456	7.40	5.46	21
26.00	6.02	.468	7.34	5.28	21
26.20	6.01	.474	7.29	5.31	21
26.40	6.04	.470	7.09	5.12	21
26.60	5.96	.316	6.62	5.38	21
26.80	5.02	.207	5.63	4.73	21
27.00	4.22	.156	4.64	4.01	18
27.10	3.97	.122	4.33	3.81	18
27.20	3.71	.108	4.03	3.57	18
27.30	3.40	.080	3.62	3.27	18
27.40	3.03	.048	3.14	2.96	17
27.50	2.62	.040	2.69	2.53	17
27.60	2.21	.043	2.28	2.13	8
27.70	1.80	.015	1.82	1.79	5
27.75	1.60	.013	1.61	1.58	4
27.76	1.56	.021	1.59	1.54	4

SALINITY

MEAN	S.D.	MAX	MIN	N
32.444	.0971	32.606	32.289	13
32.474	.0805	32.610	32.333	20
32.507	.0859	32.637	32.352	21
32.531	.0893	32.667	32.370	21
32.552	.0918	32.699	32.385	21
32.577	.0941	32.739	32.400	21
32.606	.0905	32.775	32.458	21
32.572	.0820	32.808	32.543	21
32.801	.0747	32.989	32.668	21
33.014	.0767	33.228	32.895	21
33.265	.0763	33.474	33.153	21
33.521	.0759	33.694	33.378	21
33.761	.0503	33.868	33.670	21
33.871	.0309	33.963	33.829	21
34.013	.0206	34.068	33.983	18
34.106	.0160	34.154	34.084	18
34.199	.0133	34.239	34.180	18
34.285	.0102	34.313	34.270	18
34.368	.0057	34.382	34.360	17
34.449	.0043	34.455	34.440	17
34.532	.0055	34.538	34.526	8
34.615	.0000	34.617	34.614	5
34.657	.0058	34.659	34.656	4
34.667	.0000	34.670	34.665	4

DEPTH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	26	5.4	36	15	13
24.40	32	6.5	47	14	20
24.60	37	6.0	54	26	21
24.80	40	6.4	58	28	21
25.00	43	6.9	63	33	21
25.20	48	7.3	67	35	21
25.40	58	11.8	89	37	21
25.60	78	14.7	106	53	21
25.80	98	13.2	118	72	21
26.00	113	12.2	132	89	21
26.20	125	13.6	148	101	21
26.40	140	14.3	166	120	21
26.60	170	18.1	215	146	21
26.80	266	21.1	313	234	21
27.00	425	28.1	481	375	18
27.10	527	27.1	576	486	18
27.20	650	25.4	685	609	18
27.30	801	24.2	838	754	18
27.40	995	27.1	1041	953	17
27.50	1261	36.6	1330	1214	17
27.60	1643	58.1	1721	1548	8
27.70	2268	38.2	2300	2204	5
27.75	3041	121.2	3206	2932	4
27.76	3351	123.5	3473	3185	4

SVA

MEAN	S.D.	MAX	MIN	N
373.4	.18	373.6	373.0	13
354.4	.25	354.9	353.8	20
335.3	.29	335.9	334.7	21
316.2	.29	316.7	315.6	21
297.2	.28	297.6	296.6	21
278.3	.25	278.6	277.8	21
259.4	.23	259.9	259.1	21
240.6	.21	241.1	240.2	21
221.7	.22	222.2	221.4	21
202.9	.22	203.5	202.6	21
184.1	.24	184.7	183.7	21
165.3	.26	166.1	165.0	21
146.8	.31	147.6	146.4	21
128.5	.29	129.2	128.1	21
110.5	.38	111.5	109.9	18
101.7	.35	102.6	101.2	18
93.0	.31	93.8	92.5	18
84.2	.25	84.9	83.8	18
75.4	.19	75.9	75.1	17
66.6	.17	66.9	66.3	17
57.9	.21	58.2	57.6	8
49.3	.15	49.5	49.1	5
45.8	.49	46.4	45.4	4
45.5	.17	45.7	45.3	4

THETA

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	14.09	.425	14.77	13.26	13
24.40	13.13	.421	13.71	12.21	20
24.60	12.12	.476	12.92	11.25	21
24.80	11.10	.472	11.79	10.28	21
25.00	10.11	.451	10.76	9.30	21
25.20	9.10	.400	9.64	8.38	21
25.40	8.02	.413	8.68	7.25	21
25.60	7.02	.458	7.78	6.29	21
25.80	6.28	.456	7.39	5.45	21
26.00	6.01	.468	7.33	5.27	21
26.20	6.00	.474	7.28	5.30	21
26.40	6.02	.470	7.07	5.11	21
26.60	5.95	.313	6.60	5.37	21
26.80	5.00	.207	5.61	4.71	21
27.00	4.19	.154	4.60	3.98	18
27.10	3.93	.121	4.29	3.77	18
27.20	3.66	.106	3.97	3.52	18
27.30	3.34	.079	3.56	3.21	18
27.40	2.96	.043	3.07	2.88	17
27.50	2.54	.043	2.61	2.43	17
27.60	2.09	.045	2.17	2.01	8
27.70	1.64	.016	1.66	1.62	5
27.75	1.36	.024	1.38	1.33	4
27.76	1.30	.028	1.33	1.27	4

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
371.0	3.40	372.8	360.4	13
350.5	3.80	353.7	339.7	20
329.6	4.36	334.6	321.1	21
310.2	4.35	315.0	301.6	21
292.1	4.06	296.6	284.3	21
274.8	3.13	277.6	268.7	21
257.2	1.80	258.5	252.8	21
239.0	.57	239.5	237.9	21
220.2	.27	220.5	219.6	21
201.1	.45	201.5	199.9	21
182.1	.35	182.5	181.3	21
163.3	.25	163.5	162.6	21
144.4	.06	144.5	144.2	21
125.3	.09	125.4	125.1	21
106.3	.11	106.4	106.0	18
96.7	.08	96.8	96.6	18
87.2	.07	87.3	87.1	18
77.7	.05	77.8	77.6	18
68.1	.06	68.2	68.0	17
58.5	.10	58.6	58.3	17
48.7	.13	48.9	48.5	8
39.1	.05	39.2	39.1	5
34.0	.10	34.1	33.9	4
32.9	.08	33.0	32.8	4

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DELTA D

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	1.015	.2398	1.520	.590	13
24.40	1.219	.2550	1.690	.480	20
24.60	1.368	.2122	1.920	.970	21
24.80	1.465	.2260	2.070	1.050	21
25.00	1.569	.2355	2.220	1.160	21
25.20	1.714	.2463	2.350	1.220	21
25.40	1.968	.3696	2.930	1.270	21
25.60	2.475	.4208	3.370	1.740	21
25.80	2.954	.3646	3.600	2.250	21
26.00	3.270	.3407	3.850	2.500	21
26.20	3.500	.3675	4.110	2.760	21
26.40	3.762	.3780	4.550	3.070	21
26.60	4.224	.4148	5.300	3.730	21
26.80	5.544	.4480	6.670	4.910	21
27.00	7.459	.5069	8.590	6.700	18
27.10	8.546	.5034	9.700	7.740	18
27.20	9.761	.4096	10.790	8.950	18
27.30	11.107	.4617	12.160	10.330	18
27.40	12.660	.4963	13.800	11.850	17
27.50	14.565	.5538	15.880	13.730	17
27.60	17.059	.7942	18.250	16.050	8
27.70	20.362	.5657	21.090	19.580	5
27.75	23.985	.7969	24.720	23.050	4
27.76	25.427	.8239	26.050	24.220	4

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.14	.061	.27	.05	13
.21	.078	.41	.03	20
.26	.087	.53	.13	21
.30	.101	.61	.15	21
.35	.113	.70	.19	21
.41	.129	.79	.21	21
.56	.229	1.26	.23	21
.92	.326	1.70	.45	21
1.35	.337	1.96	.74	21
1.69	.353	2.27	1.02	21
1.98	.420	2.65	1.24	21
2.33	.479	3.32	1.62	21
3.08	.645	4.80	2.33	21
6.02	.967	8.47	4.63	21
12.79	1.673	16.18	10.30	18
18.10	1.958	22.16	15.17	18
25.44	2.142	29.19	21.97	18
35.47	2.411	39.91	31.34	18
49.83	3.065	55.72	45.15	17
71.95	4.381	81.05	66.14	17
107.99	7.944	118.08	96.12	8
174.67	6.609	182.20	164.92	5
276.25	19.935	301.34	256.22	4
324.03	21.946	344.66	293.17	4

DELTA DH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	11.604	.1917	11.946	11.186	12
24.40	11.356	.2316	11.808	10.971	17
24.60	11.239	.2209	11.655	10.878	18
24.80	11.142	.2198	11.511	10.764	18
25.00	11.039	.2144	11.369	10.658	18
25.20	10.901	.1929	11.185	10.558	18
25.40	10.642	.2051	11.133	10.258	18
25.60	10.137	.2972	10.662	9.551	18
25.80	9.701	.2691	10.096	9.074	18
26.00	9.378	.2505	9.899	8.858	18
26.20	9.141	.2586	9.646	8.683	18
26.40	8.876	.2225	9.335	8.504	18
26.60	8.407	.2065	8.775	8.099	18
26.80	7.079	.1586	7.334	6.736	18
27.00	5.172	.2177	5.560	4.720	18
27.10	4.085	.2081	4.379	3.703	18
27.20	2.871	.1901	3.172	2.616	18
27.30	1.526	.1813	1.881	1.245	18
27.40	-0.034	.2067	.282	-0.392	17
27.50	-1.940	.2776	-1.585	-2.471	17
27.60	-4.340	.4238	-3.680	-4.896	8
27.70	-7.655	.2770	-7.205	-7.956	5
27.75	-11.358	.6546	-10.683	-12.166	4
27.76	-12.802	.6702	-11.851	-13.420	4

ACC. POT.

MEAN	S.D.	MAX	MIN	N
12.603	.2540	13.007	12.105	12
12.552	.3098	13.390	12.066	17
12.497	.2988	13.291	12.003	18
12.422	.2910	13.183	11.935	18
12.342	.2829	13.067	11.861	18
12.255	.2738	12.944	11.781	18
12.157	.2614	12.806	11.695	18
12.030	.2385	12.614	11.603	18
11.863	.2224	12.403	11.484	18
11.664	.2122	12.173	11.319	18
11.440	.2036	11.921	11.119	18
11.193	.1939	11.633	10.896	18
10.911	.1812	11.286	10.637	18
10.526	.1537	10.809	10.278	18
9.912	.1182	10.131	9.709	18
9.490	.0927	9.659	9.333	18
8.972	.0669	9.100	8.854	18
8.332	.0424	8.425	8.260	18
7.537	.0183	7.584	7.509	17
6.538	.0201	6.563	6.498	17
5.289	.0521	5.358	5.217	8
3.674	.0882	3.794	3.567	5
2.787	.1151	2.927	2.691	4
2.707	.0970	2.801	2.587	4

OXYGEN

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	6.28	.064	6.33	6.24	2
24.40	6.28	.247	6.49	6.01	3
24.60	6.50	.147	6.67	6.39	3
24.80	6.64	.170	6.84	6.54	3
25.00	6.76	.206	7.00	6.63	3
25.20	6.85	.251	7.14	6.70	3
25.40	6.91	.276	7.23	6.72	3
25.60	6.86	.153	7.03	6.74	3
25.80	6.61	.115	6.73	6.50	3
26.00	6.08	.206	6.29	5.88	3
26.20	5.42	.110	5.51	5.30	3
26.40	4.89	.060	4.95	4.83	3
26.60	4.70	.435	5.20	4.39	3
26.80	3.04	.316	3.34	2.71	3
27.00	1.50	.198	1.64	1.36	2
27.10	.95	.120	1.04	.87	2
27.20	.69	.064	.73	.64	2
27.30	.50	.021	.52	.49	2
27.40	.42	.014	.43	.41	2
27.50	.57	.007	.58	.57	2
27.60	.96	.113	1.84	.88	2
27.70	1.73	n/a	n/a	n/a	1
27.75	2.71	n/a	n/a	n/a	1
27.76	2.80	n/a	n/a	n/a	1

SOUND

MEAN	S.D.	MAX	MIN	N
1502	1.5	1504	1499	13
1499	1.5	1501	1496	20
1495	1.7	1498	1492	21
1492	1.7	1495	1489	21
1488	1.9	1491	1485	21
1485	1.7	1487	1482	21
1481	1.8	1483	1477	21
1477	1.9	1480	1474	21
1475	2.0	1480	1472	21
1474	2.1	1480	1471	21
1475	2.1	1481	1472	21
1476	2.0	1480	1472	21
1476	1.5	1479	1474	21
1474	1.0	1477	1473	21
1473	1.0	1476	1472	18
1474	1.0	1477	1473	18
1475	.7	1477	1474	18
1477	.6	1478	1476	18
1478	.5	1479	1478	17
1481	.6	1482	1480	17
1486	.9	1487	1485	8
1495	.7	1496	1494	5
1508	1.9	1510	1506	4
1513	2.2	1515	1510	4

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TEMPERATURE

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	14.41	.042	14.44	14.38	2
24.40	13.01	.096	13.11	12.92	3
24.60	11.90	.191	12.10	11.72	3
24.80	11.05	.580	12.02	10.55	5
25.00	9.94	.559	10.98	9.37	7
25.20	8.90	.544	9.99	8.40	7
25.40	7.96	.545	9.11	7.53	7
25.60	7.10	.488	8.05	6.64	7
25.80	6.34	.609	6.96	5.58	7
26.00	6.15	.409	6.61	5.68	7
26.20	6.23	.279	6.42	5.62	7
26.40	6.27	.409	6.72	5.56	7
26.60	6.09	.319	6.48	5.53	7
26.80	5.12	.194	5.34	4.87	7
27.00	4.29	.110	4.46	4.16	7
27.10	3.99	.101	4.13	3.85	7
27.20	3.70	.088	3.88	3.61	7
27.30	3.38	.072	3.54	3.33	7
27.40	3.03	.055	3.14	2.98	7
27.50	2.66	.054	2.75	2.60	6
27.60	2.21	.055	2.31	2.18	5
27.70	1.77	n/a	n/a	n/a	1
27.75	1.58	n/a	n/a	n/a	1
27.76	1.56	n/a	n/a	n/a	1

SALINITY

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	32.527	.0093	32.531	32.523	2
24.40	32.491	.0888	32.547	32.388	3
24.60	32.518	.0661	32.563	32.442	3
24.80	32.541	.0975	32.673	32.422	5
25.00	32.538	.1169	32.720	32.340	7
25.20	32.578	.1088	32.764	32.410	7
25.40	32.621	.0981	32.804	32.507	7
25.60	32.689	.0920	32.859	32.599	7
25.80	32.812	.1010	32.917	32.691	7
26.00	33.034	.0651	33.108	32.961	7
26.20	33.299	.0473	33.340	33.198	7
26.40	33.558	.0651	33.630	33.444	7
26.60	33.781	.0507	33.843	33.692	7
26.80	33.886	.0301	33.917	33.849	7
27.00	34.022	.0140	34.045	34.005	7
27.10	34.109	.0129	34.125	34.090	7
27.20	34.198	.0093	34.219	34.185	7
27.30	34.284	.0100	34.303	34.278	7
27.40	34.368	.0028	34.380	34.363	7
27.50	34.453	.0061	34.462	34.447	6
27.60	34.533	.0057	34.539	34.530	5
27.70	34.612	n/a	n/a	n/a	1
27.75	34.656	n/a	n/a	n/a	1
27.76	34.667	n/a	n/a	n/a	1

DEPTH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	30	.0	30	30	2
24.40	32	.6	33	32	3
24.60	37	4.2	42	34	3
24.80	44	6.6	52	36	5
25.00	50	7.2	57	38	7
25.20	54	8.2	62	41	7
25.40	60	10.6	69	43	7
25.60	71	18.4	99	45	7
25.80	90	9.5	108	76	7
26.00	107	8.9	116	91	7
26.20	121	10.3	132	108	7
26.40	138	12.7	153	117	7
26.60	172	16.4	198	144	7
26.80	268	37.8	323	220	7
27.00	429	42.5	492	372	7
27.10	529	38.8	582	471	7
27.20	647	39.9	708	592	7
27.30	799	41.4	863	739	7
27.40	992	47.6	1055	919	7
27.50	1234	65.0	1311	1156	6
27.60	1614	86.3	1703	1482	5
27.70	2405	n/a	n/a	n/a	1
27.75	3087	n/a	n/a	n/a	1
27.76	3304	n/a	n/a	n/a	1

SVA

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	373.6	.09	373.6	373.6	2
24.40	354.2	.23	354.5	354.1	3
24.60	335.0	.58	335.7	334.7	3
24.80	316.2	.64	316.8	315.5	5
25.00	297.2	.54	297.7	296.4	7
25.20	278.2	.47	278.7	277.5	7
25.40	259.3	.42	259.8	258.7	7
25.60	240.5	.30	240.9	240.1	7
25.80	221.6	.16	221.9	221.5	7
26.00	202.8	.12	203.0	202.7	7
26.20	184.1	.20	184.3	183.8	7
26.40	165.3	.27	165.6	165.0	7
26.60	146.6	.22	147.3	146.5	7
26.80	128.6	.50	129.3	128.0	7
27.00	110.6	.47	111.3	110.1	7
27.10	101.8	.44	102.4	101.1	7
27.20	92.9	.39	93.4	92.3	7
27.30	84.2	.30	84.5	83.7	7
27.40	75.4	.26	75.7	75.0	7
27.50	66.5	.55	66.8	66.2	6
27.60	57.8	.33	58.1	57.3	5
27.70	49.5	n/a	n/a	n/a	1
27.75	46.0	n/a	n/a	n/a	1
27.76	45.6	n/a	n/a	n/a	1

THETA

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	14.40	.049	14.44	14.37	2
24.40	13.00	.097	13.11	12.92	3
24.60	11.90	.196	12.10	11.71	3
24.80	11.04	.581	12.02	10.55	5
25.00	9.93	.560	10.98	9.36	7
25.20	8.90	.543	9.98	8.39	7
25.40	7.95	.543	9.10	7.52	7
25.60	7.09	.486	8.04	6.64	7
25.80	6.33	.609	6.95	5.57	7
26.00	6.14	.409	6.60	5.67	7
26.20	6.22	.279	6.41	5.61	7
26.40	6.26	.405	6.70	5.55	7
26.60	6.07	.315	6.46	5.52	7
26.80	5.10	.191	5.32	4.85	7
27.00	4.26	.110	4.43	4.13	7
27.10	3.96	.098	4.09	3.82	7
27.20	3.66	.084	3.83	3.57	7
27.30	3.33	.074	3.49	3.27	7
27.40	2.96	.056	3.07	2.91	7
27.50	2.57	.058	2.67	2.51	6
27.60	2.10	.057	2.20	2.06	5
27.70	1.60	n/a	n/a	n/a	1
27.75	1.35	n/a	n/a	n/a	1
27.76	1.31	n/a	n/a	n/a	1

SVA (THETA)

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	371.2	.43	371.5	370.9	2
24.40	346.8	5.26	352.8	343.0	3
24.60	324.7	7.96	333.8	319.2	3
24.80	308.4	8.24	315.4	298.6	5
25.00	290.5	6.46	296.2	280.7	7
25.20	271.8	4.74	276.5	265.1	7
25.40	255.2	3.35	258.5	251.4	7
25.60	238.6	1.35	239.5	235.7	7
25.80	219.9	.36	220.4	219.3	7
26.00	201.0	.36	201.4	200.4	7
26.20	182.1	.40	182.4	181.3	7
26.40	163.3	.16	163.4	163.0	7
26.60	144.4	.07	144.4	144.2	7
26.80	125.3	.20	125.4	124.9	7
27.00	106.3	.07	106.4	106.2	7
27.10	96.7	.05	96.8	96.7	7
27.20	87.2	.07	87.3	87.1	7
27.30	77.7	.04	77.7	77.6	7
27.40	68.1	.10	68.2	67.9	7
27.50	58.5	.13	58.6	58.3	6
27.60	48.7	.18	49.0	48.6	5
27.70	39.1	n/a	n/a	n/a	1
27.75	34.0	n/a	n/a	n/a	1
27.76	32.9	n/a	n/a	n/a	1

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DELTA D

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	1.150	.0141	1.160	1.140	2
24.40	1.217	.0551	1.270	1.160	3
24.60	1.387	.1124	1.510	1.290	3
24.80	1.548	.1388	1.700	1.360	5
25.00	1.664	.1474	1.860	1.420	7
25.20	1.800	.1929	2.000	1.480	7
25.40	1.950	.2674	2.260	1.530	7
25.60	2.231	.4781	3.050	1.590	7
25.80	2.677	.2941	3.250	2.260	7
26.00	3.029	.2788	3.430	2.560	7
26.20	3.301	.2941	3.700	2.900	7
26.40	3.606	.3005	3.910	3.220	7
26.60	4.130	.3662	4.600	3.640	7
26.80	5.456	.6388	6.330	4.640	7
27.00	7.387	.6793	8.360	6.450	7
27.10	8.461	.6481	9.330	7.510	7
27.20	9.620	.6565	10.570	8.690	7
27.30	10.974	.6795	11.970	9.990	7
27.40	12.527	.7251	13.520	11.440	7
27.50	14.248	.8756	15.330	13.130	6
27.60	16.688	1.0071	17.640	15.180	5
27.70	21.540	n/a	n/a	n/a	1
27.75	24.840	n/a	n/a	n/a	1
27.76	25.860	n/a	n/a	n/a	1

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.18	.000	.18	.18	2
.20	.015	.22	.19	3
.27	.053	.33	.23	3
.35	.082	.45	.25	5
.42	.096	.54	.27	7
.50	.125	.63	.30	7
.59	.145	.75	.32	7
.81	.359	1.42	.34	7
1.15	.243	1.63	.85	7
1.50	.238	1.84	1.11	7
1.82	.287	2.18	1.45	7
2.23	.347	2.68	1.72	7
2.87	.548	3.83	2.28	7
6.12	1.555	8.43	4.27	7
13.02	2.566	16.92	9.72	7
18.30	2.819	22.29	14.32	7
25.30	3.380	30.49	20.73	7
35.38	4.086	41.75	29.64	7
49.68	5.187	57.05	41.99	7
69.54	7.818	79.08	60.01	6
104.80	11.479	116.78	87.71	5
196.31	n/a	n/a	n/a	1
290.01	n/a	n/a	n/a	1
323.69	n/a	n/a	n/a	1

DELTA DH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	11.785	.0983	11.855	11.716	2
24.40	11.653	.0908	11.750	11.570	3
24.60	11.480	.2281	11.652	11.221	3
24.80	11.144	.3967	11.560	10.594	5
25.00	10.850	.4763	11.474	10.290	7
25.20	10.713	.5038	11.394	10.185	7
25.40	10.562	.5340	11.321	10.090	7
25.60	10.283	.6863	11.270	9.685	7
25.80	9.839	.5967	10.570	9.334	7
26.00	9.487	.2827	9.901	9.112	7
26.20	9.211	.2411	9.566	8.918	7
26.40	8.907	.2306	9.217	8.638	7
26.60	8.384	.1790	8.652	8.153	7
26.80	7.058	.2585	7.328	6.690	7
27.00	5.127	.3205	5.521	4.654	7
27.10	4.052	.2842	4.458	3.682	7
27.20	2.895	.2931	3.284	2.444	7
27.30	1.538	.3118	1.978	1.048	7
27.40	-0.014	.3624	.528	-0.503	7
27.50	-1.744	.4891	-1.162	-2.318	6
27.60	-4.139	.6202	-3.206	-4.787	5
27.70	-8.521	n/a	n/a	n/a	1
27.75	-11.827	n/a	n/a	n/a	1
27.76	-12.845	n/a	n/a	n/a	1

ACC. POT.

MEAN	S.D.	MAX	MIN	N
12.922	.1075	12.998	12.846	2
12.814	.1108	12.936	12.720	3
12.746	.1116	12.868	12.649	3
12.555	.2024	12.796	12.247	5
12.332	.2937	12.719	11.899	7
12.234	.3053	12.637	11.792	7
12.125	.3175	12.550	11.679	7
12.001	.3322	12.459	11.550	7
11.848	.3411	12.327	11.390	7
11.661	.3356	12.137	11.204	7
11.447	.3253	11.917	11.001	7
11.205	.3124	11.661	10.772	7
10.921	.2964	11.358	10.501	7
10.531	.2555	10.901	10.160	7
9.912	.1798	10.170	9.641	7
9.485	.1435	9.688	9.259	7
8.963	.1057	9.111	8.796	7
8.323	.0642	8.406	8.216	7
7.532	.0284	7.565	7.483	7
6.545	.0254	6.583	6.508	6
5.295	.0709	5.384	5.223	5
3.545	n/a	n/a	n/a	1
2.576	n/a	n/a	n/a	1
2.458	n/a	n/a	n/a	1

OXYGEN

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	6.05	n/a	n/a	n/a	1
24.40	6.27	n/a	n/a	n/a	1
24.60	6.46	n/a	n/a	n/a	1
24.80	6.64	n/a	n/a	n/a	1
25.00	6.81	n/a	n/a	n/a	1
25.20	6.97	n/a	n/a	n/a	1
25.40	7.11	n/a	n/a	n/a	1
25.60	7.24	n/a	n/a	n/a	1
25.80	6.76	n/a	n/a	n/a	1
26.00	5.66	n/a	n/a	n/a	1
26.20	4.29	n/a	n/a	n/a	1
26.40	3.05	n/a	n/a	n/a	1
26.60	2.59	n/a	n/a	n/a	1
26.80	2.07	n/a	n/a	n/a	1
27.00	1.01	n/a	n/a	n/a	1
27.10	.72	n/a	n/a	n/a	1
27.20	.59	n/a	n/a	n/a	1
27.30	.48	n/a	n/a	n/a	1
27.40	.40	n/a	n/a	n/a	1
27.50	.54	n/a	n/a	n/a	1
27.60	1.00	n/a	n/a	n/a	1
27.70	1.94	n/a	n/a	n/a	1
27.75	2.66	n/a	n/a	n/a	1
27.76	2.83	n/a	n/a	n/a	1

SOUND

MEAN	S.D.	MAX	MIN	N
1503	.0	1503	1503	2
1498	.6	1499	1498	3
1495	.6	1495	1494	3
1492	1.9	1495	1490	5
1488	2.1	1492	1486	7
1484	2.4	1489	1482	7
1480	2.1	1485	1479	7
1478	2.3	1482	1475	7
1475	2.6	1478	1472	7
1475	1.9	1477	1473	7
1476	1.3	1477	1473	7
1477	2.1	1479	1473	7
1477	1.8	1479	1474	7
1474	1.3	1476	1473	7
1474	1.1	1475	1473	7
1474	1.0	1476	1473	7
1475	.8	1476	1474	7
1476	.8	1477	1475	7
1478	.8	1479	1477	7
1481	.9	1482	1480	6
1486	1.1	1487	1484	5
1497	n/a	n/a	n/a	1
1508	n/a	n/a	n/a	1
1512	n/a	n/a	n/a	1

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TEMPERATURE

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	10.00	.310	10.20	9.64	3
25.20	9.01	.138	9.28	8.91	6
25.40	8.03	.323	8.35	7.65	6
25.60	7.11	.543	7.74	6.53	6
25.80	6.52	.646	7.33	5.91	6
26.00	6.40	.634	7.50	5.89	6
26.20	6.32	.556	7.02	5.79	6
26.40	6.22	.377	6.72	5.88	6
26.60	6.01	.228	6.28	5.68	6
26.80	5.06	.099	5.17	4.90	6
27.00	4.24	.058	4.33	4.18	6
27.10	3.94	.024	3.98	3.91	6
27.20	3.68	.034	3.72	3.63	6
27.30	3.36	.039	3.41	3.31	6
27.40	3.00	.043	3.06	2.96	6
27.50	2.60	.044	2.66	2.57	4
27.60	2.18	.021	2.20	2.16	3
27.70	1.73	n/a	n/a	n/a	1
27.75	1.56	n/a	n/a	n/a	1
27.76	n/a	n/a	n/a	n/a	0

SALINITY

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	32.472	.0703	32.515	32.391	3
25.20	32.540	.0226	32.578	32.519	6
25.40	32.615	.0490	32.662	32.554	6
25.60	32.687	.0957	32.797	32.585	6
25.80	32.838	.1059	32.971	32.736	6
26.00	33.073	.1045	33.203	32.988	6
26.20	33.214	.0892	33.427	33.202	6
26.40	33.352	.0598	33.629	33.495	6
26.60	33.768	.0355	33.809	33.716	6
26.80	33.876	.0155	33.892	33.852	6
27.00	34.016	.0067	34.028	34.009	6
27.10	34.102	.0013	34.106	34.097	6
27.20	34.194	.0028	34.200	34.188	6
27.30	34.281	.0058	34.287	34.275	6
27.40	34.364	.0053	34.370	34.359	6
27.50	34.447	.0040	34.451	34.443	4
27.60	34.529	.0054	34.531	34.527	3
27.70	34.608	n/a	n/a	n/a	1
27.75	34.655	n/a	n/a	n/a	1
27.76	n/a	n/a	n/a	n/a	0

DEPTH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	60	8.5	68	51	3
25.20	69	8.7	78	57	6
25.40	74	11.1	88	63	6
25.60	80	13.8	98	65	6
25.80	96	19.4	121	74	6
26.00	107	21.0	129	81	6
26.20	116	20.9	134	87	6
26.40	127	16.4	141	104	6
26.60	150	12.8	163	129	6
26.80	245	6.4	254	236	6
27.00	411	8.3	419	395	6
27.10	516	17.3	531	484	6
27.20	645	21.6	662	606	6
27.30	794	24.8	817	750	6
27.40	985	23.9	1009	955	6
27.50	1246	52.5	1297	1199	4
27.60	1655	48.1	1694	1601	3
27.70	2409	n/a	n/a	n/a	1
27.75	3399	n/a	n/a	n/a	1
27.76	n/a	n/a	n/a	n/a	0

SVA

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	297.8	.21	298.0	297.6	3
25.20	278.7	.22	278.9	278.4	6
25.40	259.6	.17	259.8	259.4	6
25.60	240.6	.13	240.8	240.5	6
25.80	221.7	.11	221.9	221.6	6
26.00	202.9	.11	203.0	202.7	6
26.20	184.0	.12	184.1	183.8	6
26.40	165.2	.12	165.3	165.0	6
26.60	146.5	.14	146.7	146.3	6
26.80	128.3	.04	128.3	128.3	6
27.00	110.4	.06	110.5	110.3	6
27.10	101.6	.13	101.7	101.4	6
27.20	92.9	.18	93.1	92.6	6
27.30	84.1	.19	84.3	83.8	6
27.40	75.2	.15	75.5	75.1	6
27.50	66.4	.22	66.7	66.2	4
27.60	57.8	.21	58.0	57.6	3
27.70	49.3	n/a	n/a	n/a	1
27.75	46.6	n/a	n/a	n/a	1
27.76	n/a	n/a	n/a	n/a	0

THETA

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	9.99	.310	10.19	9.63	3
25.20	9.00	.136	9.27	8.90	6
25.40	8.02	.326	8.35	7.64	6
25.60	7.11	.546	7.74	6.52	6
25.80	6.52	.647	7.32	5.90	6
26.00	6.39	.637	7.19	5.88	6
26.20	6.31	.560	7.01	5.78	6
26.40	6.21	.379	6.71	5.87	6
26.60	6.00	.229	6.26	5.66	6
26.80	5.04	.099	5.15	4.88	6
27.00	4.21	.059	4.30	4.15	6
27.10	3.91	.026	3.94	3.87	6
27.20	3.63	.033	3.67	3.59	6
27.30	3.30	.038	3.35	3.26	6
27.40	2.93	.044	2.99	2.89	6
27.50	2.52	.045	2.57	2.48	4
27.60	2.07	.021	2.09	2.05	3
27.70	1.56	n/a	n/a	n/a	1
27.75	1.30	n/a	n/a	n/a	1
27.76	n/a	n/a	n/a	n/a	0

SVA (THETA)

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	296.1	.69	296.5	295.3	3
25.20	276.1	1.36	277.2	273.4	6
25.40	256.4	.35	257.1	255.1	6
25.60	239.0	.70	239.5	237.6	6
25.80	220.3	.38	220.5	219.5	6
26.00	201.3	.15	201.4	201.1	6
26.20	182.1	.51	182.4	181.1	6
26.40	163.2	.44	163.5	162.3	6
26.60	144.4	.07	144.5	144.3	6
26.80	125.4	.00	125.4	125.4	6
27.00	106.3	.08	106.4	106.2	6
27.10	96.7	.08	96.8	96.6	6
27.20	87.2	.09	87.3	87.1	6
27.30	77.7	.04	77.7	77.6	6
27.40	68.2	.05	68.2	68.1	6
27.50	58.5	.14	58.6	58.3	4
27.60	48.7	.10	48.8	48.6	3
27.70	39.1	n/a	n/a	n/a	1
27.75	33.8	n/a	n/a	n/a	1
27.76	n/a	n/a	n/a	n/a	0

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DELTA D

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	1.817	.2710	2.100	1.560	3
25.20	2.038	.2244	2.250	1.740	6
25.40	2.190	.2901	2.520	1.880	6
25.60	2.338	.3594	2.770	1.920	6
25.80	2.698	.4735	3.280	2.130	6
26.00	2.940	.5126	3.450	2.290	6
26.20	3.110	.5181	3.560	2.410	6
26.40	3.310	.4369	3.680	2.710	6
26.60	3.665	.3787	4.000	3.100	6
26.80	4.957	.2568	5.240	4.640	6
27.00	6.943	.2367	7.200	6.700	6
27.10	8.068	.2968	8.410	7.730	6
27.20	9.327	.3099	9.670	8.920	6
27.30	10.662	.3622	11.080	10.200	6
27.40	12.195	.2843	12.620	11.850	6
27.50	14.185	.5303	14.670	13.610	4
27.60	16.747	.5672	17.160	16.100	3
27.70	20.950	n/a	n/a	n/a	1
27.75	25.710	n/a	n/a	n/a	1
27.76	n/a	n/a	n/a	n/a	0

POT. ENERGY

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	.57	.166	.74	.41	3
25.20	.73	.167	.91	.51	6
25.40	.85	.234	1.14	.61	6
25.60	.97	.312	1.38	.63	6
25.80	1.31	.476	1.96	.78	6
26.00	1.57	.547	2.18	.91	6
26.20	1.76	.574	2.32	1.01	6
26.40	2.00	.520	2.47	1.30	6
26.60	2.50	.483	2.92	1.77	6
26.80	5.10	.393	5.62	4.67	6
27.00	11.74	.504	12.37	10.96	6
27.10	17.13	1.059	18.25	15.26	6
27.20	24.62	1.507	25.91	21.91	6
27.30	34.47	2.094	36.58	30.82	6
27.40	48.50	2.234	51.08	45.23	6
27.50	70.11	5.632	75.49	64.85	4
27.60	108.37	6.775	113.64	100.73	3
27.70	193.95	n/a	n/a	n/a	1
27.75	336.60	n/a	n/a	n/a	1
27.76	n/a	n/a	n/a	n/a	0

DELTA DH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	10.366	.1797	10.551	10.192	3
25.20	10.195	.1086	10.368	10.037	6
25.40	10.042	.0941	10.198	9.957	6
25.60	9.895	.1400	10.060	9.710	6
25.80	9.535	.3075	9.849	9.098	6
26.00	9.292	.3419	9.696	8.924	6
26.20	9.123	.3372	9.577	8.788	6
26.40	8.921	.2590	9.279	8.625	6
26.60	8.569	.1982	8.888	8.360	6
26.80	7.276	.0585	7.352	7.210	6
27.00	5.291	.0616	5.338	5.177	6
27.10	4.162	.1133	4.378	4.068	6
27.20	2.906	.1558	3.190	2.784	6
27.30	1.573	.1864	1.910	1.406	6
27.40	.038	.1781	.263	-0.139	6
27.50	-1.831	.3905	-1.485	-2.214	4
27.60	-4.400	.3596	-3.994	-4.679	3
27.70	-8.494	n/a	n/a	n/a	1
27.75	-13.250	n/a	n/a	n/a	1
27.76	n/a	n/a	n/a	n/a	0

ACC. POT.

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	12.152	.2170	12.396	11.980	3
25.20	12.133	.2468	12.422	11.863	6
25.40	11.985	.2288	12.262	11.743	6
25.60	11.838	.2050	12.084	11.619	6
25.80	11.670	.1741	11.886	11.486	6
26.00	11.478	.1436	11.658	11.338	6
26.20	11.265	.1168	11.412	11.132	6
26.40	11.036	.0999	11.152	10.884	6
26.60	10.781	.0946	10.880	10.616	6
26.80	10.437	.0868	10.521	10.280	6
27.00	9.863	.0789	9.931	9.724	6
27.10	9.452	.0721	9.515	9.327	6
27.20	8.945	.0586	8.999	8.846	6
27.30	8.309	.0371	8.349	8.251	6
27.40	7.523	.0139	7.545	7.505	6
27.50	6.533	.0095	6.544	6.524	4
27.60	5.283	.0496	5.340	5.248	3
27.70	3.538	n/a	n/a	n/a	1
27.75	2.827	n/a	n/a	n/a	1
27.76	n/a	n/a	n/a	n/a	0

OXYGEN

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	6.56	n/a	n/a	n/a	1
25.20	6.57	.007	6.57	6.56	2
25.40	6.62	.092	6.68	6.55	2
25.60	6.66	.156	6.77	6.55	2
25.80	6.39	.092	6.46	6.33	2
26.00	5.86	.028	5.88	5.84	2
26.20	5.32	.113	5.40	5.24	2
26.40	4.80	.233	4.96	4.63	2
26.60	4.17	.389	4.45	3.90	2
26.80	2.81	.170	2.93	2.69	2
27.00	1.36	.233	1.52	1.19	2
27.10	.92	.028	.94	.90	2
27.20	.59	.049	.63	.56	2
27.30	.48	.049	.52	.45	2
27.40	.47	.064	.52	.43	2
27.50	.54	.014	.55	.53	2
27.60	.94	n/a	n/a	n/a	1
27.70	1.90	n/a	n/a	n/a	1
27.75	2.80	n/a	n/a	n/a	1
27.76	n/a	n/a	n/a	n/a	0

SOUND

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	1488	1.2	1489	1487	3
25.20	1485	.8	1486	1484	6
25.40	1481	1.1	1482	1480	6
25.60	1478	2.0	1480	1476	6
25.80	1476	2.3	1479	1474	6
26.00	1476	2.4	1479	1474	6
26.20	1476	1.9	1479	1474	6
26.40	1476	1.5	1478	1475	6
26.60	1476	.8	1477	1475	6
26.80	1474	.4	1474	1473	6
27.00	1473	.4	1474	1473	6
27.10	1474	.0	1474	1474	6
27.20	1475	.4	1475	1474	6
27.30	1476	.5	1477	1476	6
27.40	1478	.0	1478	1478	6
27.50	1481	1.0	1482	1480	4
27.60	1486	1.0	1487	1485	3
27.70	1497	n/a	n/a	n/a	1
27.75	1514	n/a	n/a	n/a	1
27.76	n/a	n/a	n/a	n/a	0

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TEMPERATURE

SIGMA -T-	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	8.95	.562	9.65	8.41	6
25.40	8.02	.506	8.79	7.33	10
25.60	7.24	.417	7.93	6.65	12
25.80	6.50	.445	7.15	5.93	12
26.00	5.96	.534	6.83	5.10	12
26.20	5.89	.450	6.66	5.27	12
26.40	5.89	.430	6.56	5.25	12
26.60	5.81	.440	6.50	4.87	12
26.80	4.96	.323	5.63	4.36	12
27.00	4.18	.177	4.65	3.91	11
27.10	3.95	.136	4.29	3.74	11
27.20	3.68	.055	3.80	3.59	11
27.30	3.37	.054	3.45	3.27	11
27.40	3.02	.063	3.09	2.91	10
27.50	2.62	.061	2.70	2.53	9
27.60	2.18	.061	2.27	2.13	4
27.70	1.76	n/a	n/a	n/a	1
27.75	1.56	n/a	n/a	n/a	1
27.76	1.53	n/a	n/a	n/a	1

SALINITY

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
32.511	.1138	32.651	32.402	6
32.594	.0921	32.735	32.460	10
32.714	.0703	32.826	32.616	12
32.843	.0760	32.968	32.744	12
33.003	.0850	33.148	32.869	12
33.246	.0718	33.375	33.147	12
33.498	.0672	33.603	33.402	12
33.737	.0687	33.849	33.595	12
33.861	.0463	33.961	33.778	12
34.007	.0242	34.068	33.971	11
34.103	.0184	34.149	34.075	11
34.194	.0058	34.211	34.183	11
34.282	.0068	34.291	34.270	11
34.367	.0063	34.375	34.354	10
34.448	.0067	34.457	34.438	9
34.530	.0050	34.539	34.525	4
34.610	n/a	n/a	n/a	1
34.655	n/a	n/a	n/a	1
34.664	n/a	n/a	n/a	1

DEPTH

SIGMA -T-	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	55	29.3	83	10	6
25.40	80	9.4	98	63	10
25.60	89	11.0	105	74	12
25.80	98	11.8	114	81	12
26.00	113	13.1	130	92	12
26.20	127	13.8	143	108	12
26.40	143	15.0	164	124	12
26.60	166	15.3	201	147	12
26.80	254	13.4	279	240	12
27.00	431	17.1	461	398	11
27.10	557	18.0	567	500	11
27.20	652	20.6	692	624	11
27.30	803	24.6	844	761	11
27.40	996	26.1	1022	950	10
27.50	1265	39.2	1322	1183	9
27.60	1674	31.1	1718	1645	4
27.70	2288	n/a	n/a	n/a	1
27.75	3138	n/a	n/a	n/a	1
27.76	3379	n/a	n/a	n/a	1

SVA

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
278.6	.56	279.2	277.8	6
259.8	.18	260.0	259.5	10
240.7	.21	241.1	240.5	12
221.7	.33	222.1	221.4	12
202.9	.31	203.2	202.5	12
184.0	.23	184.4	183.7	12
165.3	.24	165.7	165.0	12
146.6	.26	147.1	146.4	12
128.3	.35	128.7	127.9	12
110.5	.35	110.9	110.1	11
101.7	.35	102.1	101.2	11
92.9	.30	93.2	92.6	11
84.1	.20	84.5	83.9	11
75.3	.18	75.6	75.1	10
66.5	.14	66.8	66.3	9
58.0	.17	58.2	57.8	4
48.9	n/a	n/a	n/a	1
45.9	n/a	n/a	n/a	1
45.2	n/a	n/a	n/a	1

THETA

SIGMA -T-	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	8.94	.560	9.64	8.40	6
25.40	8.01	.505	8.78	7.32	10
25.60	7.23	.417	7.92	6.64	12
25.80	6.49	.442	7.14	5.93	12
26.00	5.95	.534	6.82	5.09	12
26.20	5.88	.451	6.65	5.26	12
26.40	5.88	.428	6.55	5.24	12
26.60	5.79	.442	6.49	4.85	12
26.80	4.93	.322	5.61	4.34	12
27.00	4.15	.177	4.59	3.88	11
27.10	3.91	.136	4.35	3.70	11
27.20	3.63	.056	3.95	3.54	11
27.30	3.31	.052	3.38	3.21	11
27.40	2.95	.063	3.02	2.84	10
27.50	2.53	.063	2.61	2.44	9
27.60	2.06	.061	2.15	2.01	4
27.70	1.60	n/a	n/a	n/a	1
27.75	1.32	n/a	n/a	n/a	1
27.76	1.26	n/a	n/a	n/a	1

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
277.5	.14	277.6	277.2	6
258.0	.72	258.5	256.1	10
238.4	1.05	239.5	236.6	12
219.5	1.00	220.4	217.8	12
201.2	.31	201.5	200.5	12
182.1	.34	182.4	181.4	12
163.3	.18	163.5	163.0	12
144.4	.06	144.5	144.3	12
125.4	.04	125.4	125.3	12
106.3	.07	106.4	106.2	11
96.7	.09	96.8	96.6	11
87.2	.08	87.3	87.1	11
77.7	.03	77.7	77.6	11
68.1	.05	68.2	68.1	10
58.5	.09	58.6	58.4	9
48.7	.10	48.8	48.6	4
39.2	n/a	n/a	n/a	1
34.0	n/a	n/a	n/a	1
32.9	n/a	n/a	n/a	1

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DELTA D

SIGMA -T-	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	1.587	.8633	2.420	.280	6
25.40	2.209	.2674	2.580	1.810	10
25.60	2.413	.2956	2.730	1.890	12
25.80	2.628	.3345	3.030	2.050	12
26.00	2.939	.3473	3.430	2.430	12
26.20	3.208	.3667	3.730	2.720	12
26.40	3.487	.3925	4.110	3.030	12
26.60	3.855	.3861	4.680	3.500	12
26.80	4.059	.3485	5.750	4.710	12
27.00	7.051	.3720	7.940	6.700	11
27.10	8.175	.3957	9.070	7.680	11
27.20	9.405	.4222	10.310	8.850	11
27.30	10.754	.4405	11.670	10.060	11
27.40	12.321	.4413	13.000	11.580	10
27.50	14.218	.4645	14.700	13.240	9
27.60	16.778	.3559	17.250	16.440	4
27.70	19.770	n/a	n/a	n/a	1
27.75	23.850	n/a	n/a	n/a	1
27.76	24.980	n/a	n/a	n/a	1

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
.55	.436	1.03	.01	6
.92	.213	1.29	.58	10
1.11	.263	1.47	.72	12
1.32	.315	1.70	.84	12
1.66	.367	2.12	1.13	12
1.99	.427	2.53	1.43	12
2.38	.501	3.13	1.81	12
2.96	.565	4.20	2.33	12
5.55	.667	6.82	4.82	12
12.46	1.098	15.08	11.46	11
17.97	1.345	21.08	16.13	11
25.37	1.741	29.05	23.10	11
35.45	2.278	39.82	31.78	11
49.81	2.686	52.49	45.09	10
72.19	4.131	78.02	63.26	9
111.02	3.808	116.64	108.41	4
176.60	n/a	n/a	n/a	1
290.87	n/a	n/a	n/a	1
328.83	n/a	n/a	n/a	1

DELTA DH

SIGMA -T-	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	10.343	.3035	10.728	10.071	4
25.40	10.095	.2534	10.444	9.673	9
25.60	9.865	.1911	10.226	9.523	11
25.80	9.652	.1481	9.862	9.410	11
26.00	9.354	.1520	9.565	9.137	11
26.20	9.088	.1579	9.323	8.886	11
26.40	8.808	.1614	9.052	8.555	11
26.60	8.433	.1478	8.597	8.181	11
26.80	7.206	.1288	7.374	6.962	11
27.00	5.212	.1557	5.471	4.929	11
27.10	4.090	.1258	4.282	3.752	11
27.20	2.859	.1508	3.078	2.558	11
27.30	1.511	.1865	1.817	1.193	11
27.40	-0.042	.1972	.302	-0.345	10
27.50	-1.968	.2914	-1.355	-2.397	9
27.60	-4.540	.2085	-4.355	-4.839	4
27.70	-7.798	n/a	n/a	n/a	1
27.75	-11.879	n/a	n/a	n/a	1
27.76	-13.005	n/a	n/a	n/a	1

ACC. POT.

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
12.359	.3210	12.779	12.059	4
12.172	.2441	12.615	11.902	9
12.009	.2309	12.444	11.757	11
11.832	.2138	12.260	11.599	11
11.634	.1935	12.038	11.426	11
11.410	.1719	11.781	11.242	11
11.159	.1504	11.494	10.974	11
10.875	.1274	11.158	10.698	11
10.507	.1053	10.734	10.341	11
9.903	.0878	10.077	9.754	11
9.487	.0766	9.620	9.348	11
8.968	.0572	9.063	8.867	11
8.327	.0397	8.391	8.254	11
7.334	.0178	7.357	7.311	10
6.536	.0255	6.567	6.492	9
5.272	.0394	5.329	5.240	4
3.538	n/a	n/a	n/a	1
2.736	n/a	n/a	n/a	1
2.524	n/a	n/a	n/a	1

OXYGEN

SIGMA -T-	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	n/a	n/a	n/a	n/a	0
25.60	n/a	n/a	n/a	n/a	0
25.80	n/a	n/a	n/a	n/a	0
26.00	n/a	n/a	n/a	n/a	0
26.20	n/a	n/a	n/a	n/a	0
26.40	n/a	n/a	n/a	n/a	0
26.60	n/a	n/a	n/a	n/a	0
26.80	n/a	n/a	n/a	n/a	0
27.00	n/a	n/a	n/a	n/a	0
27.10	n/a	n/a	n/a	n/a	0
27.20	n/a	n/a	n/a	n/a	0
27.30	n/a	n/a	n/a	n/a	0
27.40	n/a	n/a	n/a	n/a	0
27.50	n/a	n/a	n/a	n/a	0
27.60	n/a	n/a	n/a	n/a	0
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

SOUND

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
1484	2.5	1487	1481	6
1481	2.0	1484	1479	10
1478	1.8	1481	1476	12
1476	1.9	1479	1474	12
1474	2.5	1478	1470	12
1474	2.0	1477	1472	12
1475	2.1	1478	1472	12
1475	2.1	1478	1471	12
1473	1.4	1476	1471	12
1473	.9	1475	1472	11
1474	.8	1476	1473	11
1475	.5	1476	1474	11
1477	.5	1477	1476	11
1478	.5	1479	1478	10
1481	.6	1482	1480	9
1486	.5	1487	1486	4
1495	n/a	n/a	n/a	1
1509	n/a	n/a	n/a	1
1513	n/a	n/a	n/a	1

Table 16. As in Table 4, for Station 10 (P20).

Table 16: STATION MP20 A L L D A T A (JANUARY-DECEMBER) 1956 to 1990

TEMPERATURE

PRESS	MEAN	S.D.	MAX	MIN	N
0	9.50	2.951	15.66	5.00	167
10	9.44	2.952	15.60	5.21	167
20	9.26	2.800	15.01	5.22	167
30	8.63	2.375	15.02	5.21	167
50	7.37	1.226	11.08	5.09	167
75	6.53	.783	9.27	4.92	167
100	5.92	.568	7.83	4.72	167
125	5.56	.433	6.62	4.47	167
150	5.33	.405	6.50	4.42	167
175	5.40	.407	6.29	4.27	167
200	5.17	.404	6.07	4.04	167
225	4.93	.376	5.93	3.92	167
250	4.73	.340	5.70	3.81	167
300	4.41	.255	5.27	3.70	167
400	4.08	.164	4.52	3.65	159
500	3.88	.109	4.14	3.57	141
600	3.68	.085	3.88	3.43	140
700	3.49	.070	3.69	3.29	137
800	3.31	.061	3.46	3.14	137
900	3.13	.052	3.25	2.98	137
1000	2.97	.045	3.09	2.84	137
1200	2.69	.043	2.85	2.60	134
1500	2.35	.043	2.58	2.28	87
2000	1.96	.029	2.04	1.89	19
2500	1.72	.021	1.75	1.70	6
3000	1.60	.019	1.63	1.57	6
3500	1.54	.015	1.56	1.53	6

SALINITY

MEAN	S.D.	MAX	MIN	N
32.559	.1087	32.870	32.250	167
32.557	.1047	32.870	32.277	167
32.559	.1043	32.855	32.277	167
32.575	.1023	32.900	32.281	167
32.607	.0962	32.960	32.397	167
32.655	.1055	33.044	32.450	167
32.798	.1801	33.457	32.510	167
33.215	.2778	33.765	32.691	167
33.609	.1594	33.910	33.094	167
33.763	.0819	33.935	33.441	167
33.813	.0541	33.940	33.667	167
33.833	.0458	33.940	33.710	167
33.853	.0411	33.960	33.731	167
33.894	.0353	33.989	33.773	167
33.992	.0285	34.087	33.929	159
34.087	.0245	34.173	34.019	141
34.167	.0252	34.257	34.105	140
34.231	.0232	34.305	34.168	137
34.286	.0245	34.358	34.178	137
34.331	.0214	34.400	34.267	137
34.370	.0188	34.437	34.314	137
34.433	.0193	34.506	34.379	134
34.502	.0190	34.577	34.450	87
34.577	.0140	34.600	34.549	19
34.624	.0096	34.638	34.613	6
34.635	.0315	34.661	34.573	6
34.664	.0052	34.676	34.657	6

SIGMA T

PRESS	MEAN	S.D.	MAX	MIN	N
0	25.109	.5458	25.840	23.800	167
10	25.116	.5426	25.835	23.804	167
20	25.152	.5113	25.843	23.996	167
30	25.273	.4290	25.850	23.992	167
50	25.502	.2109	25.876	24.796	167
75	25.656	.1445	26.002	25.280	167
100	25.847	.1559	26.396	25.486	167
125	26.019	.1933	26.628	25.777	167
150	26.134	.1035	26.741	25.953	167
175	26.272	.0511	26.812	26.193	167
200	26.237	.0365	26.861	26.659	167
225	26.781	.0335	26.898	26.709	167
250	26.819	.0322	26.930	26.748	167
300	26.887	.0312	26.990	26.804	167
400	26.999	.0279	27.090	26.931	159
500	27.094	.0248	27.177	27.028	141
600	27.178	.0241	27.257	27.118	140
700	27.248	.0232	27.324	27.192	137
800	27.309	.0218	27.375	27.250	137
900	27.361	.0189	27.416	27.311	137
1000	27.407	.0166	27.458	27.361	137
1200	27.483	.0169	27.540	27.442	134
1500	27.566	.0171	27.628	27.509	87
2000	27.658	.0122	27.677	27.632	19
2500	27.714	.0080	27.725	27.704	6
3000	27.732	.0249	27.753	27.684	6
3500	27.759	.0058	27.770	27.752	6

SVA

MEAN	S.D.	MAX	MIN	N
286.3	51.96	411.0	216.8	167
285.8	51.70	410.9	217.3	167
282.6	48.76	392.8	216.2	167
271.2	40.95	393.5	216.2	167
249.6	20.17	317.1	213.8	167
235.2	13.82	271.2	202.3	167
217.3	14.84	251.7	165.1	167
182.1	18.26	234.2	143.4	167
155.6	8.26	178.8	135.7	167
136.8	4.86	156.4	126.1	167
133.8	3.55	141.2	121.7	167
129.8	3.29	137.0	118.3	167
126.3	3.17	133.5	115.4	167
120.2	3.05	128.7	110.2	167
110.4	2.72	116.9	101.5	159
101.3	2.42	108.3	93.8	141
94.5	2.34	100.4	87.0	140
88.4	2.15	93.9	82.0	137
83.1	2.10	89.5	78.2	137
78.5	1.83	83.3	73.2	137
74.5	1.61	79.1	69.9	137
67.9	1.63	72.2	62.7	134
60.6	1.65	66.7	54.9	87
52.6	1.24	55.5	50.6	19
48.1	.82	49.1	47.0	6
47.1	2.09	51.2	45.3	6
45.6	.62	46.4	44.5	6

THETA

PRESS	MEAN	S.D.	MAX	MIN	N
0	9.50	2.951	15.66	5.00	167
10	9.44	2.952	15.60	5.21	167
20	9.25	2.800	15.01	5.22	167
30	8.63	2.375	15.02	5.21	167
50	7.36	1.223	11.07	5.09	167
75	6.52	.783	9.27	4.91	167
100	5.91	.568	7.82	4.72	167
125	5.55	.433	6.61	4.48	167
150	5.32	.406	6.49	4.41	167
175	5.38	.407	6.28	4.26	167
200	5.15	.403	6.06	4.03	167
225	4.92	.376	5.91	3.90	167
250	4.71	.340	5.68	3.79	167
300	4.39	.255	5.24	3.68	167
400	4.05	.163	4.49	3.62	159
500	3.85	.108	4.10	3.54	141
600	3.64	.086	3.84	3.39	140
700	3.44	.070	3.64	3.24	137
800	3.25	.060	3.46	3.08	137
900	3.07	.052	3.28	2.92	137
1000	2.90	.044	3.02	2.77	137
1200	2.61	.042	2.76	2.52	134
1500	2.25	.042	2.47	2.18	87
2000	1.82	.029	1.90	1.75	19
2500	1.55	.019	1.57	1.52	6
3000	1.38	.013	1.41	1.35	6
3500	1.27	.015	1.29	1.26	6

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
286.3	51.96	411.0	216.8	167
285.6	51.64	410.6	217.5	167
282.4	48.65	392.2	216.5	167
270.7	40.82	392.6	215.8	167
248.8	20.04	316.0	213.3	167
234.2	13.73	269.9	201.3	167
216.1	14.81	250.3	163.9	167
180.7	18.36	232.6	141.8	167
150.7	8.03	174.4	131.1	167
137.7	4.83	154.6	124.4	167
131.4	3.45	138.8	119.7	167
127.3	3.17	134.0	116.2	167
123.6	3.05	130.4	113.1	167
117.2	2.95	125.0	107.4	167
106.5	2.64	112.9	97.9	159
97.4	2.55	103.7	89.6	141
89.4	2.28	95.1	82.0	140
82.7	2.10	88.0	76.4	137
76.9	1.96	82.3	70.6	137
71.9	1.79	76.7	66.7	137
67.5	1.58	71.9	62.7	137
60.2	1.59	64.1	54.8	134
52.2	1.80	57.6	46.4	87
43.3	1.18	45.8	41.5	19
37.8	.76	38.7	36.7	6
35.8	2.34	40.4	33.8	6
32.9	.56	33.6	31.9	6

STATION MP20 A L L D A T A (JANUARY-DECEMBER) 1956 to 1990

DELTA D

PRESS	MEAN	S.D.	MAX	MIN	N
0	.000	.0000	.000	.000	167
10	.287	.0521	.410	.220	167
20	.572	.1027	.800	.430	167
30	.858	.1468	1.190	.650	167
50	1.371	.1947	1.840	1.080	167
75	1.979	.2150	2.500	1.620	167
100	2.544	.2249	3.070	2.140	167
125	3.045	.2294	3.630	2.610	167
150	3.460	.2384	4.090	2.960	167
175	3.823	.2446	4.480	3.290	167
200	4.164	.2480	4.840	3.610	167
225	4.493	.2515	5.180	3.930	167
250	4.814	.2547	5.510	4.240	167
300	5.429	.2607	6.150	4.800	167
400	6.580	.4762	7.340	5.850	159
500	7.633	.3004	8.430	6.830	141
600	8.614	.3157	9.450	7.730	140
700	9.530	.3267	10.390	8.580	137
800	10.387	.3400	11.260	9.370	137
900	11.195	.3523	12.090	10.120	137
1000	11.960	.3638	12.870	10.840	137
1200	13.380	.3861	14.300	12.180	134
1500	15.395	.4470	16.240	14.010	87
2000	18.458	.5474	19.060	16.770	19
2500	20.675	.8416	21.530	19.250	6
3000	23.042	.8858	23.930	21.560	6
3500	25.368	.9118	26.250	23.880	6

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.00	.000	.00	.00	167
.01	.005	.02	.01	167
.06	.011	.08	.04	167
.13	.022	.18	.10	167
.34	.045	.45	.28	167
.73	.068	.87	.62	167
1.23	.076	1.42	1.07	167
1.81	.096	2.08	1.51	167
2.39	.127	2.73	2.00	167
2.99	.148	3.37	2.55	167
3.64	.160	4.05	3.17	167
4.35	.171	4.79	3.85	167
5.13	.183	5.59	4.60	167
6.85	.211	7.38	6.16	167
10.05	.485	11.68	9.02	159
15.00	.593	16.84	14.40	141
21.00	.512	22.69	19.47	140
27.35	.649	29.14	25.05	137
33.90	.792	36.15	31.14	137
40.90	.940	43.57	37.62	137
48.31	1.088	51.33	44.57	137
64.33	1.405	67.79	59.56	134
90.58	2.109	95.07	84.63	87
142.62	3.369	148.43	133.86	19
199.40	5.888	207.66	190.56	6
265.77	7.004	274.91	255.61	6
342.74	7.907	351.57	332.34	6

OXYGEN

PRESS	MEAN	S.D.	MAX	MIN	N
0	6.67	.418	7.48	6.05	12
10	6.65	.444	7.36	6.07	12
20	6.69	.426	7.35	6.07	12
30	6.80	.374	7.34	6.17	12
50	6.89	.299	7.39	6.41	12
75	6.84	.395	7.34	6.03	12
100	6.50	.607	7.13	5.36	12
125	5.42	.903	6.86	3.50	12
150	4.83	.500	5.44	3.86	12
175	4.16	.354	4.58	3.41	12
200	3.69	.282	4.01	3.13	12
225	3.28	.328	3.72	2.70	12
250	2.89	.345	3.48	2.32	12
300	2.29	.331	2.87	1.78	12
400	1.54	.189	1.84	1.16	12
500	1.06	.157	1.31	.76	12
600	.80	.118	1.04	.65	12
700	.66	.108	.88	.51	11
800	.58	.108	.82	.39	11
900	.54	.111	.77	.36	11
1000	.52	.139	.88	.33	11
1200	.56	.197	1.08	.39	10
1500	.76	.206	1.28	.60	9
2000	1.38	.092	1.56	1.28	9
2500	1.92	.040	1.97	1.88	5
3000	2.49	.190	2.72	2.24	5
3500	2.83	.075	2.92	2.75	5

SOUND

MEAN	S.D.	MAX	MIN	N
1485	10.7	1506	1468	167
1485	10.7	1506	1469	167
1484	10.2	1505	1469	167
1482	9.9	1505	1469	167
1478	9.7	1495	1469	167
1475	9.0	1486	1469	167
1473	8.3	1481	1469	167
1473	8.0	1478	1468	167
1474	7.8	1478	1469	167
1474	7.8	1478	1469	167
1473	7.7	1477	1469	167
1473	7.6	1477	1468	167
1472	7.5	1476	1468	167
1472	7.1	1476	1469	167
1473	7.0	1474	1471	159
1473	6.6	1474	1472	141
1474	6.5	1475	1473	140
1475	6.3	1476	1474	137
1476	6.2	1477	1475	137
1477	6.1	1478	1476	137
1478	6.1	1478	1477	137
1480	6.3	1481	1480	134
1484	6.1	1485	1484	87
1491	6.5	1491	1490	19
1498	6.0	1498	1498	6
1506	6.0	1506	1506	6
1514	6.0	1514	1514	6

DELTA DH

PRESS	MEAN	S.D.	MAX	MIN	N
0	11.960	.3639	12.866	10.840	137
10	11.675	.3307	12.508	10.600	137
20	11.390	.3025	12.154	10.362	137
30	11.111	.2807	11.882	10.137	137
50	10.587	.2539	11.341	9.693	137
75	9.975	.2402	10.663	9.150	137
100	9.409	.2223	10.021	8.654	137
125	8.912	.2044	9.482	8.192	137
150	8.505	.1924	9.019	7.835	137
175	8.145	.1843	8.637	7.503	137
200	7.805	.1774	8.283	7.195	137
225	7.476	.1706	7.938	6.894	137
250	7.156	.1639	7.601	6.602	137
300	6.539	.1503	6.946	6.042	137
400	5.386	.1241	5.720	4.988	137
500	4.326	.0997	4.594	4.011	137
600	3.344	.0772	3.551	3.105	137
700	2.430	.0563	2.598	2.263	137
800	1.573	.0363	1.674	1.466	137
900	.765	.0171	.809	.716	137
1000	.000	.0000	.000	.000	137
1200	-1.420	.0333	-1.325	-1.504	134
1500	-3.346	.0838	-3.090	-3.571	87
2000	-6.247	.1525	-5.930	-6.572	19
2500	-8.753	.2618	-8.404	-9.160	6
3000	-11.120	.3006	-10.724	-11.561	6
3500	-13.444	.3244	-13.039	-13.875	6

Table 17. As in Table 5, for Station 10 (P20).

Table 17: STATION MP20 J A N U A R Y 1956 to 1990

TEMPERATURE

PRESS	MEAN	S.D.	MAX	MIN	N
0	7.32	.392	7.90	6.68	14
10	7.31	.390	7.90	6.69	14
20	7.32	.391	7.90	6.70	14
30	7.31	.386	7.90	6.70	14
50	7.29	.376	7.90	6.69	14
75	7.24	.345	7.88	6.73	14
100	6.36	.709	7.83	5.33	14
125	5.48	.404	6.11	4.72	14
150	5.48	.277	5.94	5.11	14
175	5.39	.243	5.89	4.93	14
200	5.19	.256	5.83	4.76	14
225	4.94	.333	5.55	4.50	14
250	4.73	.321	5.30	4.39	14
300	4.41	.203	4.88	4.08	14
400	4.05	.146	4.27	3.78	14
500	3.85	.102	3.99	3.69	13
600	3.67	.078	3.80	3.51	13
700	3.50	.053	3.62	3.40	13
800	3.33	.035	3.39	3.25	13
900	3.12	.028	3.19	3.08	13
1000	2.97	.021	3.00	2.93	13
1200	2.69	.041	2.73	2.63	13
1500	2.34	.022	2.38	2.32	6
2000	n/a	n/a	n/a	n/a	0
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0
3500	n/a	n/a	n/a	n/a	0

SALINITY

MEAN	S.D.	MAX	MIN	N
32.529	.0569	32.640	32.440	14
32.538	.0533	32.640	32.440	14
32.530	.0570	32.638	32.430	14
32.530	.0590	32.638	32.430	14
32.534	.0566	32.635	32.440	14
32.543	.0573	32.660	32.450	14
32.752	.1380	33.006	32.510	14
32.927	.2829	33.213	32.801	14
33.009	.1549	33.307	32.824	14
33.077	.0633	33.282	32.882	14
33.827	.0559	33.918	33.709	14
33.846	.0491	33.928	33.744	14
33.864	.0534	33.938	33.758	14
33.903	.0431	33.969	33.817	14
33.995	.0353	34.073	33.934	14
34.091	.0276	34.147	34.046	13
34.174	.0244	34.217	34.129	13
34.239	.0242	34.286	34.196	13
34.298	.0193	34.340	34.264	13
34.341	.0165	34.374	34.310	13
34.378	.0138	34.398	34.361	13
34.439	.0134	34.457	34.420	13
34.510	.0118	34.519	34.485	6
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

SIGMA T

PRESS	MEAN	S.D.	MAX	MIN	N
0	25.454	.0725	25.604	25.351	14
10	25.455	.0649	25.603	25.355	14
20	25.456	.0636	25.603	25.347	14
30	25.457	.0626	25.602	25.346	14
50	25.462	.0624	25.603	25.354	14
75	25.478	.0556	25.598	25.361	14
100	25.755	.1700	26.058	25.486	14
125	26.238	.2075	26.546	25.918	14
150	26.540	.1080	26.692	26.358	14
175	26.684	.0511	26.790	26.601	14
200	26.746	.0400	26.845	26.681	14
225	26.790	.0367	26.875	26.731	14
250	26.829	.0382	26.925	26.769	14
300	26.894	.0302	26.972	26.856	14
400	27.005	.0255	27.070	26.961	14
500	27.102	.0274	27.147	27.057	13
600	27.185	.0310	27.221	27.137	13
700	27.254	.0314	27.283	27.208	13
800	27.318	.0135	27.338	27.296	13
900	27.369	.0136	27.398	27.340	13
1000	27.414	.0096	27.431	27.398	13
1200	27.488	.0113	27.507	27.468	12
1500	27.574	.0092	27.581	27.556	6
2000	n/a	n/a	n/a	n/a	0
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0
3500	n/a	n/a	n/a	n/a	0

SVA

MEAN	S.D.	MAX	MIN	N
253.5	6.89	263.3	239.2	14
253.4	6.77	263.3	239.2	14
253.6	6.87	263.3	239.6	14
253.6	6.87	263.4	239.8	14
253.4	6.85	263.3	240.0	14
252.4	5.31	263.3	240.7	14
250.1	16.26	251.7	197.1	14
180.3	19.84	210.9	151.3	14
150.0	10.29	169.1	137.6	14
138.9	4.87	146.5	130.6	14
133.9	3.82	139.8	124.8	14
129.0	3.64	134.3	120.2	14
125.4	3.67	131.0	116.2	14
119.6	3.84	123.4	113.1	14
109.7	3.41	114.0	103.5	14
101.2	3.14	105.5	96.9	13
93.8	3.04	98.5	90.5	13
87.6	3.04	92.4	84.3	13
82.3	3.47	88.4	79.1	13
77.8	3.82	83.7	73.1	13
73.9	1.69	77.5	71.3	13
67.4	1.87	69.4	65.5	12
59.9	.84	61.5	59.2	6
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

THETA

PRESS	MEAN	S.D.	MAX	MIN	N
0	7.32	.392	7.90	6.68	14
10	7.31	.390	7.90	6.69	14
20	7.31	.391	7.90	6.69	14
30	7.31	.386	7.90	6.70	14
50	7.29	.376	7.90	6.69	14
75	7.24	.346	7.87	6.73	14
100	6.35	.707	7.82	5.33	14
125	5.47	.404	6.10	4.71	14
150	5.47	.277	5.93	5.10	14
175	5.37	.243	5.88	4.92	14
200	5.17	.253	5.71	4.75	14
225	4.93	.333	5.53	4.48	14
250	4.71	.320	5.28	4.32	14
300	4.39	.201	4.85	4.06	14
400	4.02	.144	4.24	3.75	14
500	3.81	.098	3.95	3.66	13
600	3.63	.078	3.76	3.49	13
700	3.45	.053	3.57	3.35	13
800	3.26	.035	3.31	3.19	13
900	3.08	.026	3.12	3.03	13
1000	2.90	.021	2.93	2.86	13
1200	2.60	.040	2.66	2.54	12
1500	2.23	.021	2.27	2.21	6
2000	n/a	n/a	n/a	n/a	0
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0
3500	n/a	n/a	n/a	n/a	0

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
253.5	6.89	263.3	239.2	14
253.4	6.77	263.3	239.2	14
253.2	6.86	263.3	239.3	14
253.3	6.94	263.7	239.4	14
252.6	6.93	263.3	239.3	14
251.3	6.78	262.3	239.7	14
224.8	16.15	250.3	196.8	14
198.8	19.72	209.3	149.6	14
150.2	10.34	169.3	137.7	14
139.2	4.64	144.4	130.5	14
133.6	3.78	139.0	124.5	14
126.4	3.58	132.0	118.3	14
122.7	3.65	128.4	113.6	14
116.5	3.85	120.1	109.1	14
106.0	3.41	110.1	99.8	14
96.7	3.11	100.9	93.4	13
88.7	3.01	93.3	86.3	13
82.2	3.02	86.5	79.5	13
76.8	3.44	82.7	73.0	13
71.1	1.26	73.9	68.5	13
66.9	1.93	69.4	65.5	12
59.8	1.02	61.6	58.8	6
51.5	.88	53.2	50.8	6
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

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DELTA D

PRESS	MEAN	S.D.	MAX	MIN	N
0	.000	.0000	.000	.000	14
10	.254	.0063	.260	.240	14
20	.506	.0122	.530	.480	14
50	.762	.0186	.790	.720	14
50	1.271	.0293	1.320	1.200	14
75	1.906	.0430	1.980	1.810	14
100	2.509	.0537	2.610	2.400	14
125	3.014	.0705	3.120	2.880	14
150	3.428	.0961	3.580	3.250	14
175	3.787	.1076	3.950	3.580	14
200	4.128	.1143	4.300	3.900	14
225	4.454	.1219	4.630	4.200	14
250	4.771	.1375	4.950	4.500	14
300	5.383	.1589	5.700	5.070	14
400	6.558	.1576	6.780	6.150	14
500	7.573	.1811	7.800	7.150	13
600	8.545	.1974	8.880	8.090	13
700	9.455	.2164	9.840	8.960	13
800	10.308	.2294	10.710	9.780	13
900	11.109	.2376	11.560	10.560	13
1000	11.866	.2465	12.350	11.300	13
1200	13.287	.2613	13.780	12.870	13
1500	15.182	.1155	15.370	15.020	6
2000	n/a	n/a	n/a	n/a	0
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0
3500	n/a	n/a	n/a	n/a	0

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.00	.000	.00	.00	14
.01	.000	.01	.01	14
.05	.000	.05	.05	14
.13	.004	.15	.11	14
.33	.008	.34	.31	14
.33	.016	.36	.30	14
1.27	.029	1.32	1.21	14
1.84	.064	1.94	1.72	14
2.42	.106	2.58	2.24	14
3.02	.131	3.21	2.79	14
3.67	.148	3.87	3.39	14
4.37	.161	4.60	4.06	14
5.14	.179	5.40	4.78	14
6.86	.218	7.17	6.39	14
10.84	.388	11.34	10.32	14
15.75	.394	16.38	14.81	13
21.20	.495	22.09	20.06	13
27.32	.625	28.42	25.85	13
33.98	.763	35.26	32.10	13
40.97	.847	42.44	38.79	13
48.01	.945	50.04	45.90	13
63.83	1.061	66.03	61.31	13
89.91	.525	90.77	89.15	6
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

OXYGEN

PRESS	MEAN	S.D.	MAX	MIN	N
0	n/a	n/a	n/a	n/a	0
10	n/a	n/a	n/a	n/a	0
20	n/a	n/a	n/a	n/a	0
50	n/a	n/a	n/a	n/a	0
50	n/a	n/a	n/a	n/a	0
75	n/a	n/a	n/a	n/a	0
100	n/a	n/a	n/a	n/a	0
125	n/a	n/a	n/a	n/a	0
150	n/a	n/a	n/a	n/a	0
175	n/a	n/a	n/a	n/a	0
200	n/a	n/a	n/a	n/a	0
225	n/a	n/a	n/a	n/a	0
250	n/a	n/a	n/a	n/a	0
300	n/a	n/a	n/a	n/a	0
400	n/a	n/a	n/a	n/a	0
500	n/a	n/a	n/a	n/a	0
600	n/a	n/a	n/a	n/a	0
700	n/a	n/a	n/a	n/a	0
800	n/a	n/a	n/a	n/a	0
900	n/a	n/a	n/a	n/a	0
1000	n/a	n/a	n/a	n/a	0
1200	n/a	n/a	n/a	n/a	0
1500	n/a	n/a	n/a	n/a	0
2000	n/a	n/a	n/a	n/a	0
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0
3500	n/a	n/a	n/a	n/a	0

SOUND

MEAN	S.D.	MAX	MIN	N
1477	1.5	1479	1475	14
1477	1.6	1480	1475	14
1477	1.6	1480	1475	14
1477	1.6	1480	1475	14
1478	1.3	1480	1476	14
1478	1.3	1481	1476	14
1475	2.7	1481	1471	14
1473	1.9	1476	1469	14
1474	1.3	1476	1473	14
1474	1.3	1476	1473	14
1474	1.3	1476	1473	14
1473	1.1	1475	1471	14
1473	1.1	1475	1471	14
1473	1.0	1474	1470	14
1473	.7	1473	1471	14
1473	.7	1474	1472	13
1474	.4	1475	1473	13
1475	.3	1476	1475	13
1476	.0	1476	1476	13
1477	.0	1477	1477	13
1478	.0	1478	1478	13
1480	.0	1480	1480	13
1484	.0	1484	1484	6
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

DELTA DH

PRESS	MEAN	S.D.	MAX	MIN	N
0	11.867	.2466	12.348	11.289	13
10	11.813	.2451	12.286	11.239	13
20	11.755	.2440	11.992	10.788	13
50	11.693	.2440	11.527	10.539	13
50	10.596	.2455	11.063	10.032	13
75	9.960	.2477	10.438	9.404	13
100	9.357	.2285	9.800	8.858	13
125	8.856	.1993	9.335	8.409	13
150	8.446	.1763	8.971	8.038	13
175	8.086	.1631	8.695	7.708	13
200	7.747	.1549	8.355	7.392	13
225	7.421	.1475	7.958	7.082	13
250	7.104	.1403	7.598	6.786	13
300	6.492	.1260	6.969	6.240	13
400	5.346	.1035	5.584	5.139	13
500	4.294	.0814	4.484	4.136	13
600	3.330	.0623	3.464	3.200	13
700	2.411	.0435	2.509	2.316	13
800	1.557	.0249	1.614	1.487	13
900	.729	.0125	.785	.714	13
1000	.000	.0000	.000	.000	13
1200	-1.406	.0171	-1.375	-1.436	13
1500	-3.313	.0417	-3.277	-3.392	6
2000	n/a	n/a	n/a	n/a	0
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0
3500	n/a	n/a	n/a	n/a	0

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TEMPERATURE

PRESS	MEAN	S.D.	MAX	MIN	N
0	6.28	.742	7.21	5.00	12
10	6.29	.708	7.15	5.21	12
20	6.27	.692	7.13	5.22	12
30	6.26	.688	7.13	5.21	12
50	6.24	.679	7.11	5.19	12
75	6.12	.624	7.08	5.16	12
100	5.91	.518	7.07	5.21	12
125	5.66	.190	5.93	5.32	12
150	5.53	.287	5.93	5.04	12
175	5.37	.339	5.81	4.77	12
200	5.17	.341	5.66	4.63	12
225	4.95	.302	5.41	4.48	12
250	4.73	.265	5.18	4.35	12
300	4.38	.185	4.73	4.13	12
400	4.09	.149	4.41	3.90	12
500	3.85	.096	4.02	3.68	12
600	3.67	.085	3.81	3.51	12
700	3.48	.073	3.60	3.38	12
800	3.31	.070	3.45	3.21	12
900	3.14	.050	3.21	3.07	12
1000	2.98	.039	3.04	2.93	12
1200	2.70	.029	2.74	2.63	12
1500	2.35	.020	2.39	2.32	9
2000	1.96	n/a	n/a	n/a	1
2500	1.76	n/a	n/a	n/a	1
3000	1.60	n/a	n/a	n/a	1
3500	1.53	n/a	n/a	n/a	1

SALINITY

MEAN	S.D.	MAX	MIN	N
32.627	.0458	32.746	32.580	12
32.619	.0334	32.691	32.580	12
32.618	.0358	32.699	32.580	12
32.620	.0359	32.704	32.580	12
32.622	.0381	32.715	32.580	12
32.709	.1521	33.044	32.590	12
32.844	.2841	33.457	32.590	12
33.258	.3108	33.732	32.696	12
33.651	.1599	33.809	33.380	12
33.785	.0732	33.850	33.649	12
33.827	.0448	33.872	33.742	12
33.846	.0340	33.884	33.795	12
33.866	.0282	33.906	33.819	12
33.893	.0288	33.931	33.840	12
33.995	.0300	34.038	33.957	12
34.084	.0247	34.125	34.055	12
34.169	.0256	34.216	34.134	12
34.235	.0213	34.279	34.201	12
34.291	.0185	34.326	34.257	12
34.334	.0172	34.371	34.304	12
34.373	.0157	34.408	34.341	12
34.435	.0183	34.473	34.401	12
34.506	.0150	34.536	34.487	9
34.592	n/a	n/a	n/a	1
34.638	n/a	n/a	n/a	1
34.661	n/a	n/a	n/a	1
34.676	n/a	n/a	n/a	1

SIGMA T

PRESS	MEAN	S.D.	MAX	MIN	N
0	25.666	1003	25.840	25.539	12
10	25.659	0888	25.801	25.542	12
20	25.660	0869	25.798	25.545	12
30	25.663	0869	25.800	25.547	12
50	25.669	0852	25.801	25.549	12
75	25.751	1261	26.002	25.551	12
100	25.885	2311	26.396	25.576	12
125	26.243	2364	26.628	25.830	12
150	26.567	1051	26.700	26.364	12
175	26.692	0475	26.753	26.586	12
200	26.748	0367	26.807	26.672	12
225	26.789	0324	26.828	26.717	12
250	26.829	0329	26.870	26.760	12
300	26.889	0288	26.927	26.835	12
400	27.000	0290	27.040	26.937	12
500	27.095	0307	27.133	27.056	12
600	27.181	0237	27.229	27.140	12
700	27.253	0204	27.297	27.217	12
800	27.313	0172	27.350	27.280	12
900	27.364	0159	27.400	27.334	12
1000	27.409	0147	27.441	27.378	12
1200	27.484	0163	27.519	27.453	12
1500	27.569	0134	27.594	27.551	9
2000	27.670	n/a	n/a	n/a	1
2500	27.725	n/a	n/a	n/a	1
3000	27.753	n/a	n/a	n/a	1
3500	27.770	n/a	n/a	n/a	1

SVA

MEAN	S.D.	MAX	MIN	N
233.3	9.53	245.4	216.8	12
234.1	8.46	245.3	220.6	12
234.1	8.30	245.1	220.9	12
234.0	8.31	245.1	220.9	12
233.6	8.17	245.1	221.0	12
226.1	12.02	245.3	202.3	12
213.6	21.96	243.2	165.1	12
180.0	22.39	219.0	143.4	12
149.5	9.91	168.7	136.8	12
137.9	4.53	148.0	132.0	12
132.8	3.55	140.2	127.1	12
129.0	3.17	136.1	125.3	12
125.3	3.26	132.2	121.4	12
119.9	2.80	125.3	116.3	12
110.1	2.82	116.4	106.3	12
101.8	1.97	105.7	98.2	12
94.2	2.26	98.3	89.6	12
88.0	2.02	91.5	83.6	12
82.7	1.68	86.0	79.1	12
78.3	1.56	81.2	74.8	12
74.4	1.44	77.4	71.3	12
67.8	1.57	70.8	64.4	12
60.3	1.31	62.2	58.0	9
51.5	n/a	n/a	n/a	1
47.0	n/a	n/a	n/a	1
45.3	n/a	n/a	n/a	1
44.5	n/a	n/a	n/a	1

THETA

PRESS	MEAN	S.D.	MAX	MIN	N
0	6.28	.742	7.21	5.00	12
10	6.29	.708	7.15	5.21	12
20	6.27	.692	7.13	5.22	12
30	6.26	.688	7.13	5.21	12
50	6.23	.679	7.11	5.19	12
75	6.11	.622	7.07	5.16	12
100	5.90	.519	7.06	5.20	12
125	5.65	.190	5.92	5.31	12
150	5.52	.288	5.92	5.02	12
175	5.35	.336	5.79	4.76	12
200	5.16	.341	5.64	4.61	12
225	4.93	.300	5.39	4.47	12
250	4.71	.262	5.16	4.33	12
300	4.36	.182	4.71	4.11	12
400	4.06	.149	4.38	3.87	12
500	3.82	.095	3.98	3.65	12
600	3.63	.085	3.77	3.47	12
700	3.43	.072	3.55	3.33	12
800	3.25	.068	3.39	3.16	12
900	3.07	.052	3.15	3.00	12
1000	2.91	.038	2.97	2.86	12
1200	2.61	.030	2.66	2.55	12
1500	2.25	.020	2.29	2.22	9
2000	1.82	n/a	n/a	n/a	1
2500	1.55	n/a	n/a	n/a	1
3000	1.38	n/a	n/a	n/a	1
3500	1.26	n/a	n/a	n/a	1

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
233.3	9.53	245.4	216.8	12
234.0	8.44	245.1	220.5	12
233.9	8.27	244.8	220.7	12
233.6	8.29	244.6	220.5	12
233.0	8.09	244.4	220.5	12
225.1	11.99	244.2	201.3	12
212.4	21.95	241.7	163.9	12
178.4	22.45	217.6	141.8	12
147.6	9.97	166.9	135.0	12
135.7	4.51	145.8	130.0	12
130.4	3.46	137.6	124.8	12
126.5	3.06	133.3	122.8	12
122.6	3.13	129.2	118.8	12
117.0	2.72	122.1	113.4	12
106.4	2.73	112.3	102.6	12
97.3	1.95	101.0	93.7	12
89.1	2.23	93.0	84.5	12
82.3	1.97	85.7	78.0	12
76.5	1.64	79.7	73.0	12
71.6	1.53	74.5	68.2	12
67.3	1.39	70.2	64.3	12
60.1	1.56	63.1	56.8	12
51.9	1.28	53.7	49.6	9
42.2	n/a	n/a	n/a	1
36.7	n/a	n/a	n/a	1
33.8	n/a	n/a	n/a	1
31.9	n/a	n/a	n/a	1

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DELTA D

PRESS	MEAN	S.D.	MAX	MIN	N
0	.000	.0000	.000	.000	12
10	.234	.0090	.250	.220	12
20	.469	.0168	.490	.440	12
30	.703	.0253	.740	.660	12
50	1.172	.0424	1.230	1.100	12
75	1.751	.0595	1.840	1.660	12
100	2.302	.0758	2.450	2.210	12
125	2.798	.0992	2.960	2.610	12
150	3.204	.1177	3.370	2.960	12
175	3.558	.1273	3.720	3.290	12
200	3.897	.1356	4.060	3.610	12
225	4.224	.1427	4.390	3.930	12
250	4.541	.1458	4.710	4.240	12
300	5.154	.1587	5.340	4.840	12
400	6.299	.1816	6.530	5.960	12
500	7.358	.1955	7.630	7.010	12
600	8.337	.2156	8.650	7.980	12
700	9.249	.2314	9.600	8.890	12
800	10.101	.2457	10.490	9.730	12
900	10.906	.2582	11.330	10.500	12
1000	11.668	.2677	12.120	11.230	12
1200	13.087	.2893	13.600	12.590	12
1500	14.953	.2761	15.350	14.420	9
2000	17.660	n/a	n/a	n/a	1
2500	20.110	n/a	n/a	n/a	1
3000	22.410	n/a	n/a	n/a	1
3500	24.660	n/a	n/a	n/a	1

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.00	.000	.00	.00	12
.01	.000	.01	.01	12
.05	.003	.05	.04	12
.11	.005	.11	.10	12
.30	.012	.31	.28	12
.67	.023	.70	.63	12
1.16	.049	1.25	1.07	12
1.73	.100	1.84	1.51	12
2.29	.139	2.44	2.00	12
2.88	.164	3.09	2.55	12
3.53	.178	3.77	3.17	12
4.24	.194	4.52	3.85	12
5.00	.209	5.33	4.60	12
6.72	.244	7.14	6.27	12
10.81	.325	11.42	10.29	12
15.65	.420	16.49	15.06	12
21.14	.530	22.20	20.31	12
27.17	.659	28.48	26.04	12
33.69	.785	35.27	32.27	12
40.66	.915	42.52	38.90	12
48.05	1.040	50.19	46.00	12
63.94	1.328	66.72	61.22	12
89.89	1.702	91.75	86.29	9
139.37	n/a	n/a	n/a	1
195.58	n/a	n/a	n/a	1
259.88	n/a	n/a	n/a	1
334.40	n/a	n/a	n/a	1

OXYGEN

PRESS	MEAN	S.D.	MAX	MIN	N
0	6.86	n/a	n/a	n/a	1
10	6.88	n/a	n/a	n/a	1
20	6.90	n/a	n/a	n/a	1
30	6.91	n/a	n/a	n/a	1
50	6.91	n/a	n/a	n/a	1
75	6.91	n/a	n/a	n/a	1
100	6.47	n/a	n/a	n/a	1
125	5.50	n/a	n/a	n/a	1
150	4.69	n/a	n/a	n/a	1
175	4.19	n/a	n/a	n/a	1
200	3.80	n/a	n/a	n/a	1
225	3.45	n/a	n/a	n/a	1
250	3.12	n/a	n/a	n/a	1
300	2.55	n/a	n/a	n/a	1
400	1.70	n/a	n/a	n/a	1
500	1.20	n/a	n/a	n/a	1
600	.89	n/a	n/a	n/a	1
700	.67	n/a	n/a	n/a	1
800	.58	n/a	n/a	n/a	1
900	.50	n/a	n/a	n/a	1
1000	.50	n/a	n/a	n/a	1
1200	.50	n/a	n/a	n/a	1
1500	.66	n/a	n/a	n/a	1
2000	1.28	n/a	n/a	n/a	1
2500	1.90	n/a	n/a	n/a	1
3000	2.45	n/a	n/a	n/a	1
3500	2.76	n/a	n/a	n/a	1

SOUND

MEAN	S.D.	MAX	MIN	N
1473	3.1	1477	1468	12
1473	2.9	1477	1469	12
1473	2.9	1477	1469	12
1473	2.7	1477	1469	12
1474	2.8	1477	1469	12
1474	2.5	1477	1470	12
1474	2.2	1478	1470	12
1473	1.8	1475	1472	12
1474	1.6	1476	1472	12
1474	1.5	1476	1471	12
1473	1.4	1475	1471	12
1473	1.2	1475	1471	12
1473	1.2	1474	1471	12
1472	.7	1473	1471	12
1473	.7	1474	1472	12
1473	.5	1474	1472	12
1474	.5	1475	1473	12
1475	.3	1476	1475	12
1476	.3	1477	1476	12
1477	.0	1477	1477	12
1478	.0	1478	1478	12
1480	.0	1480	1480	12
1484	.0	1484	1484	12
1491	n/a	n/a	n/a	1
1498	n/a	n/a	n/a	1
1506	n/a	n/a	n/a	1
1514	n/a	n/a	n/a	1

DELTA DH

PRESS	MEAN	S.D.	MAX	MIN	N
0	11.669	.2683	12.119	11.231	12
10	11.435	.2705	11.899	10.990	12
20	11.200	.2731	11.678	10.749	12
30	10.966	.2755	11.457	10.508	12
50	10.498	.2813	11.015	10.026	12
75	9.919	.2826	10.462	9.428	12
100	9.368	.2539	9.907	8.930	12
125	8.870	.2142	9.356	8.505	12
150	8.466	.1855	8.869	8.140	12
175	8.110	.1728	8.476	7.803	12
200	7.772	.1647	8.118	7.476	12
225	7.446	.1577	7.773	7.158	12
250	7.128	.1506	7.438	6.848	12
300	6.516	.1368	6.793	6.248	12
400	5.369	.1125	5.593	5.138	12
500	4.311	.0904	4.485	4.116	12
600	3.331	.0692	3.466	3.179	12
700	2.421	.0489	2.518	2.314	12
800	1.568	.0307	1.629	1.499	12
900	.763	.0140	.792	.733	12
1000	.000	.0000	.000	.000	12
1200	-1.418	.0283	-1.358	-1.475	12
1500	-3.324	.0672	-3.184	-3.403	9
2000	-6.117	n/a	n/a	n/a	1
2500	-8.571	n/a	n/a	n/a	1
3000	-10.866	n/a	n/a	n/a	1
3500	-13.116	n/a	n/a	n/a	1

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TEMPERATURE

PRESS	MEAN	S.D.	MAX	MIN	N
0	6.55	.453	7.18	5.90	10
10	6.51	.484	7.19	5.78	10
20	6.51	.485	7.19	5.81	10
30	6.49	.487	7.17	5.80	10
50	6.39	.435	7.05	5.78	10
75	6.29	.397	6.83	5.54	10
100	6.09	.450	6.72	5.48	10
125	5.93	.349	6.19	5.37	10
150	5.76	.355	6.10	5.32	10
175	5.57	.459	6.18	4.81	10
200	5.27	.419	5.83	4.58	10
225	5.03	.413	5.55	4.37	10
250	4.82	.369	5.25	4.28	10
300	4.48	.245	4.82	4.10	10
400	4.10	.117	4.26	3.89	10
500	3.94	.059	4.02	3.86	8
600	3.72	.052	3.80	3.64	8
700	3.50	.050	3.58	3.44	8
800	3.30	.049	3.36	3.23	8
900	3.12	.039	3.17	3.05	8
1000	2.96	.029	3.00	2.91	8
1200	2.69	.041	2.77	2.65	8
1500	2.35	.025	2.38	2.33	3
2000	1.98	n/a	n/a	n/a	1
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0
3500	n/a	n/a	n/a	n/a	0

SALINITY

MEAN	S.D.	MAX	MIN	N
32.602	.0378	32.679	32.536	10
32.599	.0374	32.670	32.540	10
32.602	.0453	32.700	32.531	10
32.604	.0504	32.708	32.534	10
32.611	.0552	32.742	32.533	10
32.631	.0710	32.783	32.534	10
32.784	.2072	33.127	32.580	10
33.296	.3095	33.573	32.786	10
33.640	.1794	33.783	33.319	10
33.773	.1017	33.870	33.530	10
33.813	.0678	33.890	33.677	10
33.832	.0583	33.900	33.714	10
33.856	.0585	33.960	33.747	10
33.893	.0429	33.970	33.825	10
33.991	.0290	34.037	33.950	10
34.096	.0275	34.127	34.045	8
34.184	.0368	34.250	34.133	8
34.245	.0222	34.265	34.209	8
34.294	.0225	34.330	34.257	8
34.337	.0237	34.370	34.296	8
34.376	.0193	34.410	34.348	8
34.439	.0208	34.470	34.408	8
34.509	.0193	34.530	34.490	3
34.576	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

SIGMA T

PRESS	MEAN	S.D.	MAX	MIN	N
0	25.614	.0651	25.696	25.531	10
10	25.616	.0623	25.698	25.528	10
20	25.619	.0633	25.708	25.525	10
30	25.623	.0663	25.733	25.525	10
50	25.641	.0567	25.742	25.554	10
75	25.670	.0682	25.798	25.569	10
100	25.815	.1726	26.155	25.642	10
125	26.251	.2248	26.465	25.966	10
150	26.531	.1236	26.653	26.328	10
175	26.658	.0649	26.735	26.516	10
200	26.726	.0446	26.788	26.666	10
225	26.768	.0387	26.825	26.715	10
250	26.811	.0377	26.873	26.761	10
300	26.879	.0310	26.933	26.821	10
400	26.996	.0258	27.040	26.951	10
500	27.097	.0256	27.130	27.048	8
600	27.188	.0314	27.241	27.140	8
700	27.259	.0197	27.280	27.222	8
800	27.317	.0192	27.341	27.283	8
900	27.368	.0193	27.395	27.333	8
1000	27.413	.0164	27.438	27.388	8
1200	27.488	.0190	27.511	27.455	8
1500	27.572	.0172	27.591	27.555	3
2000	27.656	n/a	n/a	n/a	1
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0
3500	n/a	n/a	n/a	n/a	0

SVA

MEAN	S.D.	MAX	MIN	N
238.3	6.20	246.1	230.4	10
238.2	5.93	246.5	230.4	10
238.0	6.04	247.0	229.6	10
237.8	6.33	247.1	227.3	10
236.3	5.42	244.6	226.6	10
233.8	6.51	243.4	221.5	10
220.3	16.40	236.7	187.9	10
179.2	21.28	215.7	158.8	10
152.9	11.67	172.0	141.3	10
141.2	6.17	154.4	133.7	10
134.9	4.30	140.4	128.8	10
131.0	3.76	136.4	125.5	10
127.1	3.59	132.0	121.4	10
121.0	3.01	126.6	115.9	10
110.6	2.50	114.9	106.4	10
101.7	2.47	106.4	98.5	8
93.6	2.93	98.3	88.7	8
87.5	1.87	91.0	85.4	8
82.4	1.80	85.6	80.0	8
77.9	1.87	81.2	75.3	8
73.9	1.57	76.4	71.7	8
67.4	1.81	70.7	65.4	8
60.1	1.75	61.8	58.3	3
52.9	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

THETA

PRESS	MEAN	S.D.	MAX	MIN	N
0	6.55	.453	7.18	5.90	10
10	6.51	.484	7.19	5.78	10
20	6.51	.485	7.19	5.81	10
30	6.49	.487	7.17	5.80	10
50	6.39	.434	7.05	5.78	10
75	6.28	.398	6.82	5.53	10
100	6.08	.451	6.71	5.47	10
125	5.82	.349	6.18	5.36	10
150	5.75	.355	6.09	5.31	10
175	5.56	.457	6.16	4.80	10
200	5.25	.416	5.81	4.57	10
225	5.02	.413	5.53	4.35	10
250	4.80	.369	5.23	4.26	10
300	4.46	.245	4.80	4.08	10
400	4.08	.117	4.23	3.86	10
500	3.90	.060	3.98	3.82	8
600	3.68	.051	3.76	3.60	8
700	3.45	.050	3.53	3.39	8
800	3.24	.048	3.30	3.17	8
900	3.05	.039	3.11	2.99	8
1000	2.89	.029	2.93	2.84	8
1200	2.61	.041	2.69	2.57	8
1500	2.25	.025	2.28	2.23	3
2000	1.84	n/a	n/a	n/a	1
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0
3500	n/a	n/a	n/a	n/a	0

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
238.3	6.20	246.1	230.4	10
238.1	5.92	246.4	230.3	10
237.8	6.00	246.7	229.4	10
237.4	6.30	246.7	226.9	10
235.6	5.39	243.9	226.0	10
232.8	6.47	242.4	220.7	10
219.1	16.40	235.5	186.7	10
177.6	21.36	214.2	157.3	10
151.0	11.73	170.3	139.5	10
139.0	6.18	152.5	131.6	10
132.5	4.23	138.2	126.6	10
128.5	3.64	133.5	123.1	10
124.4	3.54	129.1	118.5	10
117.9	2.95	123.5	112.8	10
106.8	2.48	111.1	102.6	10
97.2	2.45	101.8	94.0	8
88.4	2.95	93.0	83.4	8
81.7	1.85	85.2	79.7	8
76.2	1.80	79.4	73.9	8
71.3	1.87	74.6	68.8	8
66.9	1.57	69.4	64.6	8
59.8	1.76	62.8	57.6	8
51.7	1.70	53.3	49.9	3
43.5	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

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DELTA D

PRESS	MEAN	S.D.	MAX	MIN	N
0	.000	.0000	.000	.000	10
10	.240	.0067	.250	.230	10
20	.476	.0117	.490	.460	10
30	.715	.0172	.740	.690	10
50	1.190	.0287	1.230	1.150	10
75	1.780	.0416	1.840	1.710	10
100	2.353	.0581	2.430	2.260	10
125	2.851	.0792	3.010	2.720	10
150	3.260	.1076	3.490	3.090	10
175	3.628	.1224	3.880	3.440	10
200	3.973	.1271	4.220	3.770	10
225	4.305	.1317	4.540	4.090	10
250	4.627	.1336	4.860	4.400	10
300	5.247	.1399	5.470	5.010	10
400	6.403	.1522	6.630	6.150	8
500	7.436	.1798	7.700	7.190	8
600	8.411	.1974	8.690	8.140	8
700	9.315	.2135	9.610	9.020	8
800	10.166	.2252	10.470	9.850	8
900	10.965	.2372	11.270	10.630	8
1000	11.722	.2520	12.050	11.360	8
1200	13.139	.2782	13.520	12.740	8
1500	14.830	.2884	15.150	14.590	3
2000	18.020	n/a	n/a	n/a	1
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0
3500	n/a	n/a	n/a	n/a	0

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.00	.000	.00	.00	10
.01	.000	.01	.01	10
.05	.000	.05	.05	10
.11	.000	.11	.11	10
.30	.006	.31	.29	10
.68	.016	.70	.65	10
1.19	.033	1.23	1.14	10
1.76	.069	1.90	1.64	10
2.33	.121	2.57	2.16	10
2.94	.150	3.21	2.73	10
3.60	.165	3.86	3.36	10
4.32	.177	4.58	4.05	10
5.10	.187	5.37	4.81	10
6.84	.213	7.14	6.51	10
10.95	.281	11.26	10.51	10
15.75	.393	16.29	15.21	8
21.22	.513	22.02	20.50	8
27.20	.644	28.29	26.34	8
33.69	.765	35.02	32.66	8
40.61	.892	42.23	39.39	8
47.97	1.055	49.88	46.52	8
63.82	1.434	66.28	61.96	8
89.29	1.925	91.23	87.38	5
142.39	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

OXYGEN

PRESS	MEAN	S.D.	MAX	MIN	N
0	7.22	n/a	n/a	n/a	1
10	7.16	n/a	n/a	n/a	1
20	7.21	n/a	n/a	n/a	1
30	7.05	n/a	n/a	n/a	1
50	7.16	n/a	n/a	n/a	1
75	7.11	n/a	n/a	n/a	1
100	7.13	n/a	n/a	n/a	1
125	5.06	n/a	n/a	n/a	1
150	4.76	n/a	n/a	n/a	1
175	4.36	n/a	n/a	n/a	1
200	4.01	n/a	n/a	n/a	1
225	3.49	n/a	n/a	n/a	1
250	3.02	n/a	n/a	n/a	1
300	2.48	n/a	n/a	n/a	1
400	1.67	n/a	n/a	n/a	1
500	1.13	n/a	n/a	n/a	1
600	1.04	n/a	n/a	n/a	1
700	.80	n/a	n/a	n/a	1
800	.59	n/a	n/a	n/a	1
900	.54	n/a	n/a	n/a	1
1000	.51	n/a	n/a	n/a	1
1200	.55	n/a	n/a	n/a	1
1500	.72	n/a	n/a	n/a	1
2000	1.34	n/a	n/a	n/a	1
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0
3500	n/a	n/a	n/a	n/a	0

SOUND

MEAN	S.D	MAX	MIN	N
1474	1.8	1477	1472	10
1474	2.0	1477	1471	10
1474	2.1	1477	1471	10
1474	1.9	1477	1472	10
1474	1.8	1477	1472	10
1474	1.6	1476	1471	10
1474	1.9	1477	1472	10
1474	1.6	1476	1472	10
1475	1.5	1476	1473	10
1475	1.9	1477	1471	10
1474	1.8	1476	1471	10
1473	1.9	1475	1470	10
1473	1.6	1475	1470	10
1473	1.1	1474	1471	10
1473	.5	1473	1472	10
1474	.5	1474	1473	8
1474	.5	1475	1474	8
1475	.0	1475	1475	8
1476	.0	1476	1476	8
1477	.0	1477	1477	8
1478	.0	1478	1478	8
1480	.4	1481	1480	5
1484	.0	1484	1484	1
1491	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

DELTA DH

PRESS	MEAN	S.D.	MAX	MIN	N
0	11.724	.2527	12.054	11.362	8
10	11.483	.2503	11.811	11.127	8
20	11.243	.2484	11.571	10.891	8
30	11.004	.2468	11.332	10.656	8
50	10.525	.2454	10.859	10.185	8
75	9.931	.2462	10.283	9.596	8
100	9.355	.2379	9.724	9.023	8
125	8.866	.2111	9.234	8.584	8
150	8.471	.1961	8.835	8.215	8
175	8.112	.1864	8.466	7.873	8
200	7.772	.1772	8.109	7.545	8
225	7.443	.1687	7.763	7.227	8
250	7.122	.1607	7.428	6.916	8
300	6.503	.1441	6.778	6.311	8
400	5.348	.1177	5.578	5.192	8
500	4.287	.0927	4.473	4.168	8
600	3.312	.0690	3.451	3.222	8
700	2.408	.0514	2.503	2.340	8
800	1.559	.0362	1.623	1.513	8
900	.760	.0179	.790	.737	8
1000	.000	.0000	.000	.000	8
1200	-1.414	.0402	-1.368	-1.476	8
1500	-3.315	.0892	-3.229	-3.407	3
2000	-6.282	n/a	n/a	n/a	1
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0
3500	n/a	n/a	n/a	n/a	0

STATION MP20 A P R I L 1956 to 1990

TEMPERATURE

PRESS	MEAN	S.D.	MAX	MIN	N
0	6.10	.642	7.39	5.47	10
10	5.98	.554	7.38	5.45	10
20	5.97	.557	7.39	5.45	10
30	5.90	.568	7.40	5.43	10
50	5.81	.613	7.38	5.09	10
75	5.68	.658	7.37	4.92	10
100	5.53	.660	7.16	4.73	10
125	5.43	.197	5.68	4.97	10
150	5.49	.446	6.29	4.87	10
175	5.30	.544	6.17	4.44	10
200	5.01	.469	5.89	4.30	10
225	4.78	.418	5.45	4.19	10
250	4.58	.399	5.29	4.13	10
300	4.26	.242	4.56	3.86	10
400	3.97	.165	4.15	3.71	9
500	3.84	.142	3.98	3.71	7
600	3.65	.110	3.80	3.50	7
700	3.49	.099	3.58	3.31	6
800	3.33	.066	3.42	3.22	6
900	3.16	.070	3.25	3.04	6
1000	2.99	.048	3.05	2.91	6
1200	2.71	.045	2.76	2.64	6
1500	2.37	.052	2.43	2.29	6
2000	n/a	n/a	n/a	n/a	0
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0
3500	n/a	n/a	n/a	n/a	0

SALINITY

MEAN	S.D.	MAX	MIN	N
32.648	0678	32.720	32.533	10
32.650	0701	32.734	32.529	10
32.651	0719	32.738	32.531	10
32.655	0738	32.740	32.530	10
32.662	0757	32.750	32.526	10
32.668	0820	32.760	32.527	10
32.726	1289	32.926	32.546	10
33.111	2292	33.439	32.731	10
33.578	1400	33.749	33.388	10
33.725	0963	33.849	33.594	10
33.781	0596	33.887	33.697	10
33.809	0471	33.890	33.743	10
33.830	0380	33.899	33.781	10
33.875	0265	33.917	33.832	10
33.982	0190	34.002	33.941	9
34.083	0129	34.097	34.068	7
34.164	0128	34.181	34.143	7
34.232	0197	34.256	34.202	6
34.287	0209	34.306	34.255	6
34.334	0182	34.355	34.308	6
34.374	0188	34.396	34.345	6
34.435	0170	34.451	34.406	6
34.507	0180	34.525	34.476	6
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

SIGMA T

PRESS	MEAN	S.D.	MAX	MIN	N
0	25.706	.1186	25.833	25.449	10
10	25.722	.1187	25.835	25.447	10
20	25.726	.1207	25.843	25.447	10
30	25.737	.1226	25.850	25.445	10
50	25.753	.1294	25.876	25.445	10
75	25.773	.1373	25.895	25.447	10
100	25.835	.1666	26.066	25.490	10
125	26.154	.1701	26.404	25.854	10
150	26.515	.0867	26.641	26.374	10
175	26.652	.0417	26.711	26.577	10
200	26.730	.0302	26.776	26.687	10
225	26.778	.0272	26.826	26.736	10
250	26.818	.0249	26.856	26.775	10
300	26.887	.0260	26.921	26.844	10
400	27.003	.0188	27.031	26.975	9
500	27.096	.0181	27.121	27.073	7
600	27.179	.0154	27.198	27.160	7
700	27.249	.0202	27.274	27.226	6
800	27.308	.0170	27.330	27.285	6
900	27.362	.0149	27.378	27.342	6
1000	27.409	.0157	27.425	27.385	6
1200	27.482	.0139	27.494	27.457	6
1500	27.570	.0166	27.584	27.540	6
2000	n/a	n/a	n/a	n/a	0
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0
3500	n/a	n/a	n/a	n/a	0

SVA

MEAN	S.D.	MAX	MIN	N
229.5	11.30	254.0	217.5	10
228.1	11.31	254.3	217.3	10
227.9	11.51	254.4	216.7	10
226.9	11.70	254.8	216.2	10
225.6	12.37	255.1	213.8	10
223.9	13.15	255.2	212.2	10
218.2	15.96	251.4	196.5	10
188.3	16.09	216.7	164.6	10
154.4	8.18	167.7	142.5	10
141.6	3.91	148.6	136.1	10
134.4	2.96	138.7	129.7	10
130.0	2.73	134.3	125.1	10
126.3	2.49	130.8	122.5	10
120.1	2.55	124.3	116.7	10
109.7	1.89	112.6	107.0	9
101.7	1.83	104.0	99.2	7
94.4	1.56	96.3	92.4	7
88.3	1.97	90.6	85.7	6
83.3	1.67	85.4	80.9	6
78.6	1.49	80.4	76.8	6
74.4	1.59	76.7	72.7	6
68.0	1.35	70.5	66.7	6
60.3	1.63	63.3	58.8	6
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

THETA

PRESS	MEAN	S.D.	MAX	MIN	N
0	6.10	.642	7.39	5.47	10
10	5.98	.554	7.38	5.45	10
20	5.97	.557	7.39	5.45	10
30	5.90	.568	7.40	5.43	10
50	5.80	.613	7.38	5.09	10
75	5.67	.658	7.36	4.91	10
100	5.52	.660	7.15	4.72	10
125	5.42	.197	5.67	4.96	10
150	5.47	.447	6.28	4.86	10
175	5.29	.544	6.15	4.42	10
200	4.99	.464	5.87	4.29	10
225	4.76	.421	5.44	4.17	10
250	4.56	.398	5.27	4.12	10
300	4.24	.240	4.53	3.84	10
400	3.94	.163	4.12	3.69	9
500	3.81	.124	3.94	3.67	7
600	3.61	.112	3.76	3.46	7
700	3.44	.099	3.53	3.26	6
800	3.28	.066	3.37	3.17	6
900	3.09	.067	3.18	2.98	6
1000	2.93	.049	2.98	2.84	6
1200	2.63	.045	2.68	2.56	6
1500	2.26	.048	2.32	2.19	6
2000	n/a	n/a	n/a	n/a	0
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0
3500	n/a	n/a	n/a	n/a	0

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
229.5	11.30	254.0	217.5	10
228.0	11.27	254.1	217.3	10
227.6	11.48	254.1	216.8	10
226.6	11.67	254.3	215.7	10
225.0	12.32	254.3	213.3	10
223.1	13.06	254.1	211.5	10
217.1	15.83	249.9	195.2	10
186.9	16.16	215.3	163.1	10
152.6	8.25	166.9	140.6	10
139.5	3.95	146.7	133.9	10
132.1	2.87	136.2	127.7	10
127.5	2.58	131.5	123.0	10
123.8	2.32	127.8	120.2	10
117.2	2.44	121.2	114.0	10
106.1	1.78	108.8	103.5	9
97.3	1.70	99.4	94.9	7
89.3	1.47	91.1	87.5	7
82.6	1.88	84.8	80.3	6
77.0	1.63	79.2	74.9	6
71.8	1.45	73.7	70.3	6
67.3	1.52	69.6	65.8	6
60.3	1.32	62.7	59.2	6
51.9	1.54	54.7	50.5	6
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

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DELTA D

PRESS	MEAN	S.D.	MAX	MIN	N
0	.000	.0000	.000	.000	10
10	.229	.0110	.250	.220	10
20	.460	.0236	.510	.430	10
30	.685	.0337	.760	.650	10
50	1.138	.0577	1.270	1.080	10
75	1.705	.0872	1.910	1.620	10
100	2.253	.1259	2.550	2.140	10
125	2.766	.1446	3.080	2.630	10
150	3.190	.1531	3.490	3.050	10
175	3.557	.1597	3.850	3.390	10
200	3.902	.1605	4.190	3.730	10
225	4.232	.1663	4.530	4.050	10
250	4.552	.1698	4.860	4.370	10
300	5.168	.1739	5.490	4.980	10
400	6.324	.1883	6.670	6.130	9
500	7.334	.2031	7.750	7.180	7
600	8.319	.2172	8.760	8.140	7
700	9.258	.2378	9.690	9.020	6
800	10.117	.2495	10.560	9.860	6
900	10.923	.2639	11.390	10.640	6
1000	11.690	.2759	12.170	11.390	6
1200	13.110	.2963	13.610	12.780	6
1500	15.035	.3217	15.550	14.660	6
2000	n/a	n/a	n/a	n/a	0
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0
3500	n/a	n/a	n/a	n/a	0

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.00	.000	.00	.00	10
.01	.000	.01	.01	10
.05	.004	.05	.04	10
.11	.007	.12	.10	10
.29	.013	.32	.28	10
.65	.034	.73	.62	10
1.14	.069	1.30	1.08	10
1.73	.093	1.91	1.63	10
2.32	.110	2.48	2.18	10
2.93	.127	3.12	2.75	10
3.58	.138	3.79	3.39	10
4.30	.147	4.51	4.09	10
5.08	.156	5.29	4.85	10
6.80	.171	7.02	6.56	10
10.89	.221	11.24	10.64	9
15.68	.302	16.19	15.35	7
21.19	.393	21.81	20.73	7
27.28	.532	27.99	26.60	6
33.83	.641	34.67	32.97	6
40.84	.760	41.83	39.81	6
48.24	.889	49.38	47.04	6
64.18	1.191	65.56	62.61	6
90.60	1.696	92.92	88.38	6
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

OXYGEN

PRESS	MEAN	S.D.	MAX	MIN	N
0	n/a	n/a	n/a	n/a	0
10	n/a	n/a	n/a	n/a	0
20	n/a	n/a	n/a	n/a	0
30	n/a	n/a	n/a	n/a	0
50	n/a	n/a	n/a	n/a	0
75	n/a	n/a	n/a	n/a	0
100	n/a	n/a	n/a	n/a	0
125	n/a	n/a	n/a	n/a	0
150	n/a	n/a	n/a	n/a	0
175	n/a	n/a	n/a	n/a	0
200	n/a	n/a	n/a	n/a	0
225	n/a	n/a	n/a	n/a	0
250	n/a	n/a	n/a	n/a	0
300	n/a	n/a	n/a	n/a	0
400	n/a	n/a	n/a	n/a	0
500	n/a	n/a	n/a	n/a	0
600	n/a	n/a	n/a	n/a	0
700	n/a	n/a	n/a	n/a	0
800	n/a	n/a	n/a	n/a	0
900	n/a	n/a	n/a	n/a	0
1000	n/a	n/a	n/a	n/a	0
1200	n/a	n/a	n/a	n/a	0
1500	n/a	n/a	n/a	n/a	0
2000	n/a	n/a	n/a	n/a	0
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0
3500	n/a	n/a	n/a	n/a	0

SOUND

MEAN	S.D.	MAX	MIN	N
1472	2.4	1477	1470	10
1472	2.0	1477	1470	10
1472	2.3	1478	1470	10
1472	2.3	1478	1470	10
1472	2.3	1478	1469	10
1472	2.4	1478	1469	10
1472	2.4	1478	1469	10
1472	1.1	1474	1470	10
1474	2.0	1477	1471	10
1473	2.3	1477	1470	10
1473	1.9	1476	1470	10
1472	1.8	1475	1470	10
1472	1.7	1475	1470	10
1471	1.1	1473	1470	10
1472	.9	1473	1471	9
1473	.5	1474	1473	7
1474	.7	1475	1473	7
1475	.6	1476	1474	6
1476	.4	1477	1476	6
1477	.4	1478	1477	6
1478	.0	1478	1478	6
1480	.5	1481	1480	6
1484	.0	1484	1484	6
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

DELTA DH

PRESS	MEAN	S.D.	MAX	MIN	N
0	11.689	.2756	12.171	11.392	6
10	11.460	.2637	11.917	11.175	6
20	11.231	.2519	11.662	10.957	6
30	11.001	.2404	11.408	10.740	6
50	10.546	.2176	10.897	10.308	6
75	9.976	.1917	10.259	9.764	6
100	9.425	.1600	9.625	9.251	6
125	8.917	.1499	9.091	8.733	6
150	8.510	.1526	8.684	8.297	6
175	8.146	.1531	8.322	7.927	6
200	7.805	.1485	7.976	7.592	6
225	7.475	.1423	7.638	7.273	6
250	7.155	.1354	7.310	6.965	6
300	6.538	.1229	6.681	6.366	6
400	5.387	.0993	5.498	5.246	6
500	4.328	.0814	4.418	4.217	6
600	3.344	.0652	3.416	3.257	6
700	2.432	.0467	2.489	2.371	6
800	1.573	.0298	1.610	1.537	6
900	.764	.0145	.782	.747	6
1000	.000	.0000	.000	.000	6
1200	-1.422	.0313	-1.389	-1.475	6
1500	-3.346	.0740	-3.265	-3.476	6
2000	n/a	n/a	n/a	n/a	0
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0
3500	n/a	n/a	n/a	n/a	0

STATION MP20 M A Y 1956 to 1990

TEMPERATURE

PRESS	MEAN	S.D.	MAX	MIN	N
0	7.46	.730	8.90	6.25	29
10	7.35	.723	8.84	6.20	29
20	7.22	.746	8.60	6.12	29
30	7.00	.708	8.20	5.79	29
50	6.67	.790	7.97	5.20	29
75	6.15	.606	7.25	5.07	29
100	5.84	.570	6.87	4.93	29
125	5.54	.501	6.62	4.93	29
150	5.44	.469	6.46	4.52	29
175	5.31	.430	6.20	4.38	29
200	5.07	.450	5.99	4.22	29
225	4.84	.418	5.77	4.01	29
250	4.67	.381	5.48	3.86	29
300	4.40	.285	5.01	3.80	29
400	4.07	.188	4.36	3.69	29
500	3.88	.139	4.07	3.57	26
600	3.68	.103	3.82	3.43	25
700	3.48	.087	3.62	3.29	24
800	3.29	.073	3.41	3.14	24
900	3.11	.070	3.24	2.98	24
1000	2.96	.060	3.09	2.84	24
1200	2.68	.049	2.79	2.61	23
1500	2.35	.045	2.45	2.28	17
2000	1.95	.006	1.95	1.94	3
2500	1.72	.021	1.75	1.70	2
3000	1.60	.007	1.60	1.59	2
3500	1.54	.021	1.56	1.53	2

SALINITY

MEAN	S.D.	MAX	MIN	N
32.625	0720	32.790	32.490	29
32.620	0691	32.760	32.490	29
32.620	0725	32.756	32.490	29
32.622	0754	32.754	32.490	29
32.631	0734	32.779	32.507	29
32.656	0890	32.873	32.519	29
32.761	1636	33.258	32.571	29
33.213	2938	33.681	32.691	29
33.617	1429	33.846	33.283	29
33.768	0674	33.879	33.606	29
33.813	0448	33.880	33.676	29
33.832	0397	33.898	33.720	29
33.855	0352	33.903	33.760	29
33.903	0330	33.979	33.839	29
34.003	0336	34.087	33.962	29
34.094	0265	34.157	34.050	26
34.171	0291	34.246	34.128	25
34.235	0263	34.300	34.192	24
34.293	0252	34.356	34.245	24
34.334	0232	34.388	34.287	24
34.372	0215	34.417	34.325	24
34.434	0210	34.478	34.394	23
34.499	0204	34.528	34.450	17
34.580	0121	34.590	34.572	3
34.623	0100	34.630	34.615	2
34.642	.0000	34.648	34.637	2
34.659	.0015	34.660	34.657	2

SIGMA T

PRESS	MEAN	S.D.	MAX	MIN	N
0	25.509	.1197	25.730	25.285	29
10	25.520	.1246	25.729	25.280	29
20	25.538	.1333	25.737	25.266	29
30	25.569	.1297	25.787	25.318	29
50	25.619	.1338	25.853	25.397	29
75	25.706	.1193	25.902	25.466	29
100	25.827	.1460	26.186	25.588	29
125	26.220	.2042	26.560	25.777	29
150	26.550	.0976	26.741	26.279	29
175	26.685	.0526	26.812	26.608	29
200	26.748	.0436	26.861	26.672	29
225	26.790	.0432	26.898	26.709	29
250	26.827	.0404	26.930	26.748	29
300	26.895	.0397	26.990	26.821	29
400	27.009	.0378	27.090	26.946	29
500	27.101	.0313	27.177	27.055	26
600	27.182	.0304	27.257	27.138	25
700	27.255	.0264	27.314	27.205	24
800	27.317	.0240	27.375	27.267	24
900	27.366	.0216	27.416	27.317	24
1000	27.410	.0196	27.451	27.361	24
1200	27.485	.0189	27.522	27.444	23
1500	27.565	.0178	27.590	27.527	17
2000	27.662	.0072	27.670	27.656	3
2500	27.715	.0094	27.720	27.706	2
3000	27.738	.0096	27.743	27.734	2
3500	27.754	.0000	27.756	27.752	2

SVA

MEAN	S.D.	MAX	MIN	N
248.3	11.38	269.6	227.2	29
247.4	11.86	270.2	227.5	29
245.8	12.69	271.6	226.8	29
242.9	12.36	266.9	222.2	29
238.4	12.80	259.6	216.0	29
230.4	11.41	253.3	211.6	29
219.1	13.92	242.0	185.1	29
182.1	19.29	224.2	149.9	29
151.0	9.25	176.8	132.7	29
138.5	5.06	145.8	126.1	29
132.7	4.29	140.4	121.7	29
128.9	4.26	137.0	118.3	29
125.5	4.00	133.5	115.4	29
119.4	3.92	126.8	110.2	29
109.3	3.68	115.5	101.5	29
101.5	3.08	105.8	93.8	26
94.2	2.95	98.5	87.0	25
88.0	2.59	92.7	82.0	24
82.3	2.34	87.2	76.7	24
78.0	2.13	82.9	73.2	24
74.2	1.92	79.1	70.4	24
67.7	1.84	71.8	64.2	23
60.8	1.64	64.1	58.4	17
52.3	.68	52.8	51.5	3
48.1	.99	48.8	47.4	2
46.4	.50	46.8	46.1	2
46.1	.42	46.4	45.8	2

THETA

PRESS	MEAN	S.D.	MAX	MIN	N
0	7.46	.730	8.90	6.25	29
10	7.35	.723	8.84	6.20	29
20	7.22	.746	8.60	6.12	29
30	7.00	.708	8.20	5.79	29
50	6.67	.791	7.97	5.20	29
75	6.14	.606	7.24	5.06	29
100	5.83	.570	6.86	4.92	29
125	5.53	.501	6.61	4.92	29
150	5.43	.470	6.45	4.51	29
175	5.30	.430	6.19	4.37	29
200	5.06	.449	5.97	4.20	29
225	4.82	.418	5.75	3.99	29
250	4.65	.380	5.46	3.84	29
300	4.38	.285	4.99	3.80	29
400	4.04	.187	4.33	3.66	29
500	3.84	.138	4.03	3.54	26
600	3.64	.103	3.78	3.39	25
700	3.43	.087	3.57	3.24	24
800	3.23	.072	3.35	3.08	24
900	3.05	.070	3.18	2.92	24
1000	2.89	.059	3.02	2.77	24
1200	2.60	.047	2.71	2.53	23
1500	2.25	.044	2.35	2.18	17
2000	1.80	.006	1.81	1.80	3
2500	1.54	.014	1.55	1.53	2
3000	1.38	.007	1.38	1.37	2
3500	1.27	.021	1.29	1.26	2

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
248.3	11.38	269.6	227.2	29
247.2	11.85	270.0	227.3	29
245.5	12.66	271.3	226.5	29
242.5	12.32	266.4	221.8	29
237.7	12.71	258.9	215.5	29
229.4	11.33	252.2	210.8	29
217.9	13.88	240.7	183.8	29
180.6	19.39	222.6	148.3	29
149.2	9.27	175.0	131.1	29
136.4	4.97	143.7	124.4	29
130.4	4.13	137.6	119.7	29
126.4	4.09	134.0	116.2	29
122.9	3.84	130.4	113.1	29
116.4	3.76	123.3	107.4	29
105.5	3.57	111.5	97.9	29
96.7	3.96	101.1	89.6	26
89.0	3.85	93.2	82.0	25
82.3	3.50	86.8	76.4	24
76.1	3.27	80.8	70.6	24
71.4	3.05	76.1	66.7	24
67.2	2.87	71.9	63.4	24
60.1	1.79	63.9	56.5	23
52.4	1.61	55.9	50.0	17
43.0	.72	43.6	42.2	3
37.9	.92	38.5	37.3	2
35.2	.57	35.6	34.8	2
33.4	.28	33.6	33.2	2

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DELTA D

PRESS	MEAN	S.D.	MAX	MIN	N
0	.000	.0000	.000	.000	29
10	.248	.0123	.270	.230	29
20	.496	.0240	.540	.460	29
30	.739	.0355	.810	.680	29
50	1.252	.0574	1.330	1.120	29
75	1.811	.0848	1.960	1.670	29
100	2.371	.1127	2.590	2.180	29
125	2.877	.1298	3.120	2.650	29
150	3.289	.1526	3.590	3.010	29
175	3.648	.1653	3.980	3.340	29
200	3.986	.1733	4.330	3.650	29
225	4.313	.1795	4.660	3.950	29
250	4.631	.1862	4.980	4.240	29
300	5.243	.1971	5.600	4.800	29
400	6.385	.2196	6.760	5.850	29
500	7.420	.2513	7.820	6.830	26
600	8.389	.2814	8.810	7.730	25
700	9.302	.3112	9.740	8.580	24
800	10.151	.3322	10.600	9.370	24
900	10.954	.3505	11.410	10.120	24
1000	11.716	.3664	12.170	10.840	24
1200	13.115	.3958	13.670	12.180	23
1500	15.016	.4893	15.680	14.010	17
2000	17.907	.9865	18.540	16.770	3
2500	20.090	1.1879	20.930	19.250	2
3000	22.440	1.2445	23.320	21.560	2
3500	24.760	1.2445	25.640	23.880	2

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.00	.000	.00	.00	29
.01	.000	.01	.01	29
.05	.003	.05	.05	29
.11	.005	.12	.10	29
.31	.015	.33	.28	29
.69	.033	.74	.63	29
1.19	.061	1.31	1.08	29
1.76	.087	1.93	1.59	29
2.34	.127	2.64	2.09	29
2.93	.152	3.29	2.64	29
3.58	.166	3.96	3.24	29
4.29	.180	4.68	3.89	29
5.06	.195	5.46	4.60	29
6.77	.229	7.18	6.16	29
10.84	.335	11.31	9.92	29
15.65	.498	16.37	14.40	26
21.13	.671	22.08	19.47	25
27.16	.864	28.42	25.05	24
33.66	1.036	35.29	31.14	24
40.61	1.214	42.64	37.62	24
47.99	1.399	50.48	44.35	24
63.79	1.797	67.33	59.56	23
90.22	2.735	94.91	84.73	17
141.48	6.616	145.72	133.86	3
196.64	8.605	202.73	190.56	2
262.71	10.041	269.81	255.61	2
339.50	10.126	346.66	332.34	2

OXYGEN

PRESS	MEAN	S.D.	MAX	MIN	N
0	7.11	.321	7.48	6.90	3
10	7.17	.195	7.36	6.97	3
20	7.17	.166	7.35	7.02	3
30	7.17	.153	7.34	7.04	3
50	7.16	.130	7.29	7.03	3
75	7.17	.155	7.34	7.04	3
100	7.00	.102	7.07	6.88	3
125	6.16	.681	6.86	5.50	3
150	5.17	.269	5.34	4.86	3
175	4.13	.147	4.24	3.96	3
200	3.71	.243	3.97	3.49	3
225	3.32	.370	3.72	2.99	3
250	2.92	.406	3.34	2.53	3
300	2.30	.526	2.84	1.79	3
400	1.45	.249	1.61	1.16	3
500	1.02	.225	1.15	.76	3
600	.76	.060	.85	.70	3
700	.63	.057	.67	.59	3
800	.54	.014	.55	.53	3
900	.48	.021	.50	.47	3
1000	.44	.042	.47	.41	2
1200	.47	.064	.52	.43	2
1500	.60	n/a	n/a	n/a	1
2000	1.38	n/a	n/a	n/a	1
2500	1.97	n/a	n/a	n/a	1
3000	2.63	n/a	n/a	n/a	1
3500	2.92	n/a	n/a	n/a	1

SOUND

MEAN	S.D.	MAX	MIN	N
1478	2.9	1483	1473	29
1477	2.9	1483	1473	29
1477	2.9	1482	1473	29
1476	2.7	1481	1473	29
1475	3.0	1480	1470	29
1474	2.4	1478	1469	29
1473	2.3	1477	1470	29
1473	2.3	1478	1470	29
1473	2.0	1478	1470	29
1474	1.8	1477	1470	29
1473	1.9	1477	1469	29
1472	1.7	1476	1469	29
1472	1.7	1476	1469	29
1472	1.2	1474	1469	29
1472	.8	1474	1471	29
1473	.7	1474	1472	26
1474	.6	1475	1473	25
1475	.4	1476	1474	24
1476	.3	1476	1475	24
1477	.3	1477	1476	24
1478	.3	1478	1477	24
1480	.3	1481	1480	23
1484	.0	1484	1484	17
1490	.6	1491	1490	3
1498	.0	1498	1498	2
1506	.0	1506	1506	2
1514	.0	1514	1514	2

DELTA DH

PRESS	MEAN	S.D.	MAX	MIN	N
0	11.716	.3669	12.174	10.840	24
10	11.469	.3600	11.928	10.600	24
20	11.224	.3527	11.687	10.362	24
30	10.980	.3443	11.446	10.137	24
50	10.500	.3267	10.966	9.693	24
75	9.912	.3067	10.371	9.150	24
100	9.356	.2810	9.786	8.654	24
125	8.857	.2656	9.295	8.192	24
150	8.454	.2570	8.910	7.825	24
175	8.098	.2462	8.542	7.503	24
200	7.761	.2360	8.186	7.195	24
225	7.434	.2256	7.839	6.894	24
250	7.116	.2151	7.501	6.602	24
300	6.503	.1949	6.850	6.042	24
400	5.356	.1568	5.640	4.988	24
500	4.303	.1226	4.534	4.011	24
600	3.326	.0924	3.515	3.105	24
700	2.415	.0652	2.557	2.263	24
800	1.564	.0426	1.658	1.466	24
900	.762	.0208	.809	.718	24
1000	.000	.0000	.000	.000	24
1200	-1.412	.0424	-1.336	-1.504	23
1500	-3.346	.0971	-3.170	-3.513	17
2000	-6.223	.2540	-5.930	-6.371	3
2500	-8.648	.3444	-8.404	-8.891	2
3000	-11.004	.3967	-10.724	-11.285	2
3500	-13.322	.4002	-13.039	-13.605	2

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TEMPERATURE

PRESS	MEAN	S.D.	MAX	MIN	N
0	9.78	.790	11.40	8.20	20
10	9.71	.746	10.96	8.12	20
20	9.43	.788	10.88	7.87	20
30	8.29	.784	9.96	6.46	20
50	7.04	.728	8.19	6.05	20
75	6.23	.667	7.43	5.23	20
100	5.61	.515	6.55	4.91	20
125	5.43	.403	6.11	4.90	20
150	5.48	.372	6.07	4.73	20
175	5.34	.317	5.89	4.82	20
200	5.15	.298	5.65	4.64	20
225	4.92	.276	5.44	4.41	20
250	4.72	.242	5.12	4.28	20
300	4.37	.172	4.71	3.96	20
400	4.08	.099	4.19	3.84	16
500	3.86	.078	3.95	3.67	14
600	3.67	.062	3.76	3.53	14
700	3.48	.069	3.58	3.33	14
800	3.29	.063	3.37	3.17	14
900	3.12	.050	3.22	3.03	14
1000	2.96	.046	3.05	2.87	14
1200	2.68	.037	2.76	2.60	14
1500	2.34	.025	2.38	2.29	11
2000	n/a	n/a	n/a	n/a	0
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0
3500	n/a	n/a	n/a	n/a	0

SALINITY

MEAN	S.D.	MAX	MIN	N
32.617	.1291	32.870	32.460	20
32.618	.1285	32.870	32.460	20
32.619	.1246	32.855	32.457	20
32.627	.1169	32.850	32.460	20
32.656	.1131	32.870	32.480	20
32.690	.1112	32.890	32.519	20
32.761	.1282	33.108	32.609	20
33.144	.2406	33.720	32.818	20
33.575	.1643	33.863	33.298	20
33.751	.0794	33.890	33.602	20
33.814	.0495	33.890	33.717	20
33.834	.0420	33.890	33.748	20
33.852	.0365	33.892	33.769	20
33.894	.0362	33.973	33.807	20
34.003	.0310	34.084	33.949	16
34.095	.0330	34.173	34.038	14
34.178	.0332	34.257	34.130	14
34.239	.0336	34.305	34.168	14
34.288	.0416	34.358	34.175	14
34.337	.0310	34.400	34.267	14
34.378	.0226	34.437	34.347	14
34.441	.0237	34.506	34.405	14
34.512	.0232	34.577	34.490	11
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

SIGMA T

PRESS	MEAN	S.D.	MAX	MIN	N
0	25.149	.1565	25.404	24.752	20
10	25.162	.1437	25.412	24.836	20
20	25.209	.1634	25.469	24.842	20
30	25.391	.1505	25.677	25.048	20
50	25.591	.1301	25.792	25.293	20
75	25.722	.1218	25.925	25.464	20
100	25.855	.1057	26.040	25.668	20
125	26.178	.1571	26.550	25.928	20
150	26.513	.1084	26.678	26.293	20
175	26.670	.0476	26.756	26.586	20
200	26.741	.0285	26.810	26.689	20
225	26.782	.0260	26.852	26.731	20
250	26.820	.0246	26.892	26.774	20
300	26.891	.0288	26.964	26.847	20
400	27.008	.0276	27.072	26.954	16
500	27.104	.0300	27.168	27.049	14
600	27.188	.0286	27.248	27.142	14
700	27.255	.0291	27.302	27.196	14
800	27.313	.0351	27.362	27.220	14
900	27.368	.0259	27.413	27.311	14
1000	27.414	.0189	27.458	27.381	14
1200	27.490	.0191	27.540	27.462	14
1500	27.575	.0196	27.628	27.555	11
2000	n/a	n/a	n/a	n/a	0
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0
3500	n/a	n/a	n/a	n/a	0

SVA

MEAN	S.D.	MAX	MIN	N
282.5	14.90	320.3	258.3	20
281.4	13.68	312.4	257.6	20
277.2	15.57	312.1	252.4	20
260.0	14.37	292.7	232.6	20
241.1	12.42	269.6	221.9	20
228.8	11.64	253.5	209.4	20
216.4	10.07	234.3	199.0	20
185.9	14.81	209.6	150.9	20
154.6	10.22	175.4	139.1	20
140.0	4.30	147.8	131.6	20
133.4	2.72	138.2	126.7	20
129.7	2.50	134.4	122.8	20
126.3	2.40	130.5	119.1	20
119.8	2.77	123.9	112.7	20
109.4	2.66	114.6	103.4	16
101.0	2.88	106.2	94.9	14
93.5	2.73	98.1	88.0	14
87.7	2.78	93.3	83.5	14
82.7	3.32	91.5	78.3	14
77.9	2.45	85.3	73.8	14
73.8	1.80	77.1	69.9	14
67.2	1.76	69.8	62.7	14
59.7	1.82	61.8	54.9	11
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

THETA

PRESS	MEAN	S.D.	MAX	MIN	N
0	9.78	.790	11.40	8.20	20
10	9.71	.746	10.96	8.12	20
20	9.43	.789	10.88	7.87	20
30	8.29	.784	9.96	6.46	20
50	7.03	.727	8.19	6.05	20
75	6.22	.667	7.42	5.22	20
100	5.60	.516	6.54	4.90	20
125	5.43	.403	6.10	4.89	20
150	5.47	.372	6.06	4.72	20
175	5.32	.316	5.87	4.80	20
200	5.13	.297	5.63	4.63	20
225	4.91	.276	5.42	4.39	20
250	4.70	.242	5.10	4.26	20
300	4.35	.170	4.68	3.94	20
400	4.05	.099	4.16	3.81	16
500	3.83	.078	3.92	3.63	14
600	3.63	.061	3.72	3.49	14
700	3.43	.067	3.53	3.29	14
800	3.23	.060	3.31	3.12	14
900	3.05	.052	3.16	2.96	14
1000	2.89	.046	2.98	2.80	14
1200	2.60	.036	2.67	2.52	14
1500	2.24	.025	2.28	2.19	11
2000	n/a	n/a	n/a	n/a	0
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0
3500	n/a	n/a	n/a	n/a	0

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
282.5	14.90	320.3	258.3	20
281.2	13.67	312.2	257.4	20
276.8	15.54	311.7	252.1	20
259.5	14.32	292.1	232.3	20
240.4	12.35	268.7	221.3	20
227.9	11.57	252.4	208.6	20
215.3	10.04	233.0	197.7	20
184.5	14.93	208.3	149.2	20
152.7	10.28	173.6	137.1	20
137.8	4.51	145.8	129.7	20
131.1	2.70	136.0	124.6	20
127.1	2.44	132.0	120.6	20
123.6	2.34	127.9	116.7	20
116.8	2.72	120.9	109.9	20
105.7	2.63	110.8	99.6	16
96.5	2.86	101.7	90.4	14
88.4	2.70	92.8	82.8	14
82.0	2.75	87.6	77.6	14
76.5	3.31	85.3	71.8	14
71.2	2.46	76.7	66.9	14
66.8	1.79	69.9	62.7	14
59.6	1.80	62.3	54.8	14
51.4	1.83	53.3	46.4	11
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

STATION MP20 J U N E 1956 to 1990

DELTA D

PRESS	MEAN	S.D.	MAX	MIN	N
0	.000	.0000	.000	.000	20
10	.283	.0152	.320	.260	20
20	.565	.0289	.630	.520	20
30	.834	.0432	.940	.760	20
50	1.333	.0622	1.490	1.220	20
75	1.923	.0868	2.130	1.800	20
100	2.476	.1122	2.710	2.310	20
125	2.981	.1305	3.210	2.790	20
150	3.406	.1454	3.630	3.170	20
175	3.770	.1566	4.000	3.510	20
200	4.112	.1607	4.350	3.840	20
225	4.440	.1647	4.680	4.160	20
250	4.760	.1651	5.000	4.480	20
300	5.375	.1721	5.630	5.090	20
400	6.511	.1865	6.820	6.240	16
500	7.546	.2041	7.920	7.260	14
600	8.519	.2158	8.940	8.190	14
700	9.426	.2309	9.890	9.050	14
800	10.276	.2438	10.780	9.860	14
900	11.080	.2581	11.620	10.630	14
1000	11.837	.2714	12.410	11.360	14
1200	13.243	.2981	13.880	12.720	14
1500	15.085	.3015	15.390	14.520	11
2000	n/a	n/a	n/a	n/a	0
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0
3500	n/a	n/a	n/a	n/a	0

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.00	.000	.00	.00	20
.01	.004	.02	.01	20
.06	.003	.06	.05	20
.13	.006	.14	.12	20
.33	.016	.37	.30	20
.71	.033	.78	.66	20
1.20	.056	1.31	1.11	20
1.78	.080	1.93	1.65	20
2.37	.109	2.51	2.15	20
2.98	.133	3.17	2.71	20
3.63	.142	3.83	3.35	20
4.34	.151	4.56	4.05	20
5.11	.160	5.35	4.82	20
6.84	.187	7.11	6.49	20
10.89	.251	11.28	10.33	16
15.66	.351	16.30	14.91	14
21.11	.493	22.05	20.07	14
27.11	.641	28.32	25.78	14
33.61	.827	35.11	31.95	14
40.56	1.048	42.38	38.52	14
47.90	1.243	50.05	45.55	14
63.65	1.599	66.52	60.40	14
89.46	2.230	92.25	84.63	11
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

OXYGEN

PRESS	MEAN	S.D.	MAX	MIN	N
0	n/a	n/a	n/a	n/a	0
10	n/a	n/a	n/a	n/a	0
20	n/a	n/a	n/a	n/a	0
30	n/a	n/a	n/a	n/a	0
50	n/a	n/a	n/a	n/a	0
75	n/a	n/a	n/a	n/a	0
100	n/a	n/a	n/a	n/a	0
125	n/a	n/a	n/a	n/a	0
150	n/a	n/a	n/a	n/a	0
175	n/a	n/a	n/a	n/a	0
200	n/a	n/a	n/a	n/a	0
225	n/a	n/a	n/a	n/a	0
250	n/a	n/a	n/a	n/a	0
300	n/a	n/a	n/a	n/a	0
400	n/a	n/a	n/a	n/a	0
500	n/a	n/a	n/a	n/a	0
600	n/a	n/a	n/a	n/a	0
700	n/a	n/a	n/a	n/a	0
800	n/a	n/a	n/a	n/a	0
900	n/a	n/a	n/a	n/a	0
1000	n/a	n/a	n/a	n/a	0
1200	n/a	n/a	n/a	n/a	0
1500	n/a	n/a	n/a	n/a	0
2000	n/a	n/a	n/a	n/a	0
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0
3500	n/a	n/a	n/a	n/a	0

SOUND

MEAN	S.D.	MAX	MIN	N
1486	3.0	1492	1481	20
1486	2.8	1491	1480	20
1486	2.9	1491	1480	20
1481	3.1	1488	1474	20
1477	2.9	1481	1473	20
1474	2.7	1479	1470	20
1472	2.2	1476	1469	20
1472	2.0	1476	1470	20
1474	1.6	1476	1471	20
1474	1.5	1476	1471	20
1473	1.3	1475	1471	20
1473	1.2	1475	1471	20
1472	1.1	1474	1471	20
1472	.7	1473	1470	20
1473	.6	1473	1471	16
1473	.5	1474	1472	14
1474	.0	1474	1474	14
1475	.0	1475	1475	14
1476	.0	1476	1476	14
1477	.0	1477	1477	14
1478	.0	1478	1478	14
1480	.0	1480	1480	14
1484	.0	1484	1484	11
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

DELTA DH

PRESS	MEAN	S.D.	MAX	MIN	N
0	11.837	.2719	12.409	11.358	14
10	11.553	.2651	12.116	11.074	14
20	11.269	.2587	11.824	10.787	14
30	10.997	.2540	11.530	10.504	14
50	10.495	.2425	10.992	10.016	14
75	9.902	.2253	10.353	9.446	14
100	9.348	.2110	9.736	8.919	14
125	8.848	.2079	9.197	8.414	14
150	8.435	.2064	8.781	8.021	14
175	8.075	.2016	8.409	7.685	14
200	7.737	.1975	8.062	7.362	14
225	7.410	.1940	7.730	7.039	14
250	7.091	.1902	7.406	6.724	14
300	6.479	.1810	6.778	6.123	14
400	5.338	.1559	5.596	5.040	14
500	4.290	.1311	4.529	4.052	14
600	3.317	.1039	3.536	3.143	14
700	2.412	.0800	2.598	2.285	14
800	1.561	.0502	1.674	1.475	14
900	.758	.0206	.792	.716	14
1000	.000	.0000	.000	.000	14
1200	-1.404	.0341	-1.325	-1.469	14
1500	-3.297	.0853	-3.090	-3.396	11
2000	n/a	n/a	n/a	n/a	0
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0
3500	n/a	n/a	n/a	n/a	0

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TEMPERATURE

PRESS	MEAN	S.D.	MAX	MIN	N
0	11.36	1.416	14.15	9.51	7
10	11.23	1.424	14.05	9.42	7
20	10.80	.975	12.35	9.30	7
30	9.15	.782	10.58	8.18	7
50	7.45	1.019	9.17	6.58	7
75	6.21	.384	6.66	5.72	7
100	5.76	.399	6.41	5.31	7
125	5.42	.773	6.58	4.50	7
150	5.47	.845	6.50	4.42	7
175	5.27	.723	6.29	4.27	7
200	5.08	.717	6.01	4.04	7
225	4.91	.625	5.74	3.92	7
250	4.77	.566	5.52	3.81	7
300	4.46	.449	5.07	3.70	7
400	4.07	.265	4.43	3.65	7
500	3.94	.166	4.14	3.69	5
600	3.73	.122	3.88	3.56	5
700	3.54	.075	3.64	3.44	5
800	3.36	.058	3.43	3.29	5
900	3.18	.042	3.22	3.12	5
1000	3.02	.047	3.06	2.96	5
1200	2.72	.056	2.76	2.65	5
1500	2.41	.015	2.43	2.40	3
2000	n/a	n/a	n/a	n/a	0
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0
3500	n/a	n/a	n/a	n/a	0

SALINITY

MEAN	S.D.	MAX	MIN	N
32.581	.1047	32.800	32.500	7
32.577	.0999	32.790	32.500	7
32.576	.1053	32.798	32.492	7
32.613	.1078	32.840	32.520	7
32.651	.1075	32.870	32.564	7
32.686	.1003	32.890	32.600	7
32.794	.1748	33.107	32.620	7
33.167	.3283	33.730	32.815	7
33.578	.2623	33.868	33.094	7
33.705	.1510	33.894	33.441	7
33.783	.0860	33.910	33.667	7
33.821	.0635	33.919	33.748	7
33.854	.0491	33.929	33.786	7
33.889	.0344	33.927	33.840	7
33.979	.0122	33.996	33.957	7
34.070	.0127	34.089	34.053	5
34.157	.0176	34.181	34.136	5
34.221	.0174	34.247	34.202	5
34.273	.0224	34.308	34.252	5
34.323	.0178	34.350	34.302	5
34.363	.0145	34.386	34.346	5
34.427	.0135	34.445	34.408	5
34.490	.0081	34.500	34.479	3
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

SIGMA T

PRESS	MEAN	S.D.	MAX	MIN	N
0	24.844	.2119	25.173	24.480	7
10	24.863	.2120	25.193	24.493	7
20	24.943	.1449	25.215	24.799	7
30	25.249	.1724	25.533	24.982	7
50	25.527	.1750	25.718	25.248	7
75	25.723	.0772	25.857	25.643	7
100	25.864	.1254	26.067	25.763	7
125	26.196	.1956	26.542	26.018	7
150	26.514	.1318	26.645	26.253	7
175	26.638	.0736	26.715	26.493	7
200	26.723	.0396	26.788	26.680	7
225	26.772	.0356	26.829	26.717	7
250	26.815	.0372	26.864	26.749	7
300	26.877	.0304	26.917	26.822	7
400	26.990	.0251	27.033	26.948	7
500	27.076	.0221	27.098	27.042	5
600	27.165	.0215	27.197	27.134	5
700	27.236	.0159	27.255	27.211	5
800	27.294	.0108	27.312	27.271	5
900	27.351	.0158	27.375	27.330	5
1000	27.398	.0136	27.420	27.382	5
1200	27.476	.0140	27.496	27.457	5
1500	27.551	.0089	27.561	27.543	3
2000	n/a	n/a	n/a	n/a	0
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0
3500	n/a	n/a	n/a	n/a	0

SVA

MEAN	S.D.	MAX	MIN	N
311.5	20.18	346.2	280.2	7
309.9	20.23	345.2	278.4	7
302.5	13.80	316.2	276.6	7
273.5	16.43	299.0	246.5	7
247.2	16.73	273.9	229.0	7
228.8	7.34	236.4	216.1	7
215.5	11.91	225.1	196.4	7
184.3	18.42	201.0	151.7	7
154.5	12.30	178.8	142.3	7
142.9	6.94	156.4	135.2	7
135.1	3.97	139.5	128.4	7
130.7	3.63	136.3	124.7	7
126.7	3.80	133.4	121.5	7
121.2	3.13	126.8	116.9	7
111.1	2.59	115.4	106.7	7
103.7	2.22	107.1	101.3	5
95.8	2.10	98.9	93.7	5
89.6	1.62	92.2	87.8	5
84.6	1.80	86.9	82.0	5
79.6	1.56	81.6	77.3	5
75.5	1.41	77.0	73.3	5
68.7	1.42	70.5	66.6	5
62.2	.82	62.9	61.3	3
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

THETA

PRESS	MEAN	S.D.	MAX	MIN	N
0	11.36	1.416	14.15	9.51	7
10	11.23	1.424	14.05	9.42	7
20	10.80	.972	12.34	9.30	7
30	9.15	.782	10.58	8.18	7
50	7.45	1.017	9.17	6.58	7
75	6.20	.386	6.66	5.72	7
100	5.75	.401	6.40	5.30	7
125	5.41	.773	6.57	4.49	7
150	5.46	.842	6.49	4.41	7
175	5.26	.726	6.28	4.26	7
200	5.06	.713	5.99	4.03	7
225	4.90	.624	5.72	3.90	7
250	4.75	.566	5.50	3.79	7
300	4.44	.447	5.05	3.68	7
400	4.04	.255	4.40	3.62	7
500	3.90	.162	4.10	3.66	5
600	3.69	.125	3.84	3.51	5
700	3.49	.075	3.59	3.39	5
800	3.31	.059	3.37	3.23	5
900	3.12	.042	3.16	3.06	5
1000	2.95	.047	2.99	2.89	5
1200	2.63	.055	2.68	2.57	5
1500	2.31	.015	2.33	2.30	3
2000	n/a	n/a	n/a	n/a	0
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0
3500	n/a	n/a	n/a	n/a	0

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
311.5	20.18	346.2	280.2	7
309.7	20.18	344.9	278.3	7
302.0	13.78	315.7	276.2	7
272.9	16.43	298.4	245.9	7
246.4	16.63	273.0	228.3	7
227.8	7.34	235.4	215.1	7
214.4	11.92	224.0	195.1	7
182.9	18.59	199.8	150.0	7
152.7	12.51	177.4	140.1	7
140.8	6.99	154.6	133.5	7
132.8	3.75	136.9	126.6	7
128.1	3.34	133.3	122.8	7
124.0	3.49	130.2	119.4	7
118.2	2.84	123.3	114.4	7
107.3	2.37	111.3	103.3	7
99.1	2.08	102.4	97.1	5
90.6	1.96	93.5	88.5	5
83.9	1.53	86.2	82.0	5
78.3	1.80	80.5	75.6	5
72.8	1.51	74.8	70.6	5
68.4	1.34	69.9	66.3	5
60.9	1.34	62.7	59.0	5
53.6	.85	54.4	52.7	3
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

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DELTA D

PRESS	MEAN	S.D.	MAX	MIN	N
0	.000	.0000	.000	.000	7
10	.311	.0219	.350	.280	7
20	.621	.0393	.690	.560	7
30	.911	.0434	.960	.830	7
50	1.430	.0465	1.520	1.370	7
75	2.021	.0584	2.140	1.960	7
100	2.574	.0728	2.720	2.490	7
125	3.080	.0971	3.250	2.950	7
150	3.499	.1148	3.680	3.310	7
175	3.867	.1245	4.050	3.660	7
200	4.213	.1307	4.400	4.000	7
225	4.546	.1295	4.730	4.340	7
250	4.866	.1361	5.060	4.660	7
300	5.487	.1385	5.680	5.290	7
400	6.644	.1498	6.840	6.440	7
500	7.750	.1398	7.900	7.540	5
600	8.744	.1457	8.880	8.530	5
700	9.674	.1494	9.840	9.460	5
800	10.542	.1522	10.730	10.330	5
900	11.362	.1512	11.570	11.160	5
1000	12.138	.1577	12.370	11.940	5
1200	13.568	.1678	13.830	13.370	5
1500	15.560	.2623	15.840	15.320	3
2000	n/a	n/a	n/a	n/a	0
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0
3500	n/a	n/a	n/a	n/a	0

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.00	.000	.00	.00	7
.02	.004	.02	.01	7
.06	.005	.07	.06	7
.14	.006	.15	.13	7
.35	.016	.38	.33	7
.73	.026	.77	.69	7
1.22	.042	1.28	1.16	7
1.80	.088	1.89	1.64	7
2.38	.121	2.49	2.15	7
3.00	.146	3.14	2.74	7
3.66	.161	3.84	3.39	7
4.38	.173	4.57	4.11	7
5.16	.180	5.35	4.90	7
6.89	.205	7.09	6.58	7
11.02	.269	11.38	10.57	5
16.91	.276	16.47	15.76	5
21.59	.367	22.23	21.35	5
27.77	.469	28.55	27.43	5
34.37	.587	35.40	33.99	5
41.47	.693	42.67	40.90	5
48.97	.820	50.35	48.17	5
65.00	1.103	66.80	63.80	5
92.63	1.476	94.33	91.67	3
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

OXYGEN

PRESS	MEAN	S.D.	MAX	MIN	N
0	n/a	n/a	n/a	n/a	0
10	n/a	n/a	n/a	n/a	0
20	n/a	n/a	n/a	n/a	0
30	n/a	n/a	n/a	n/a	0
50	n/a	n/a	n/a	n/a	0
75	n/a	n/a	n/a	n/a	0
100	n/a	n/a	n/a	n/a	0
125	n/a	n/a	n/a	n/a	0
150	n/a	n/a	n/a	n/a	0
175	n/a	n/a	n/a	n/a	0
200	n/a	n/a	n/a	n/a	0
225	n/a	n/a	n/a	n/a	0
250	n/a	n/a	n/a	n/a	0
300	n/a	n/a	n/a	n/a	0
400	n/a	n/a	n/a	n/a	0
500	n/a	n/a	n/a	n/a	0
600	n/a	n/a	n/a	n/a	0
700	n/a	n/a	n/a	n/a	0
800	n/a	n/a	n/a	n/a	0
900	n/a	n/a	n/a	n/a	0
1000	n/a	n/a	n/a	n/a	0
1200	n/a	n/a	n/a	n/a	0
1500	n/a	n/a	n/a	n/a	0
2000	n/a	n/a	n/a	n/a	0
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0
3500	n/a	n/a	n/a	n/a	0

SOUND

MEAN	S.D.	MAX	MIN	N
1492	5.1	1502	1485	7
1492	5.2	1502	1485	7
1491	3.6	1496	1485	7
1485	3.0	1490	1481	7
1478	4.1	1485	1475	7
1474	1.7	1476	1472	7
1473	1.7	1475	1471	7
1472	3.4	1477	1468	7
1473	3.7	1478	1469	7
1473	3.2	1478	1469	7
1473	3.0	1477	1469	7
1473	2.9	1476	1468	7
1473	2.6	1476	1468	7
1472	2.0	1475	1469	7
1472	1.1	1474	1471	7
1473	.8	1474	1472	5
1474	.5	1475	1474	5
1475	.4	1476	1475	5
1476	.4	1477	1476	5
1477	0	1477	1477	5
1478	0	1478	1478	5
1480	.4	1481	1480	5
1484	0	1484	1484	3
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

DELTA DH

PRESS	MEAN	S.D.	MAX	MIN	N
0	12.138	.1560	12.366	11.938	5
10	11.826	.1785	12.087	11.591	5
20	11.518	.1993	11.809	11.251	5
30	11.226	.2009	11.535	10.974	5
50	10.704	.1818	10.999	10.498	5
75	10.107	.1644	10.381	9.939	5
100	9.547	.1501	9.805	9.421	5
125	9.036	.1429	9.289	8.940	5
150	8.625	.1521	8.886	8.509	5
175	8.259	.1538	8.518	8.135	5
200	7.914	.1491	8.162	7.788	5
225	7.580	.1438	7.818	7.454	5
250	7.256	.1375	7.481	7.128	5
300	6.632	.1249	6.833	6.506	5
400	5.465	.1042	5.624	5.346	5
500	4.387	.0839	4.512	4.282	5
600	3.391	.0651	3.484	3.303	5
700	2.464	.0472	2.529	2.397	5
800	1.595	.0300	1.633	1.550	5
900	.774	.0151	.793	.751	5
1000	.000	.0000	.000	.000	5
1200	-1.431	.0308	-1.395	-1.468	5
1500	-3.423	.0458	-3.381	-3.472	3
2000	n/a	n/a	n/a	n/a	0
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0
3500	n/a	n/a	n/a	n/a	0

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TEMPERATURE

PRESS	MEAN	S.D.	MAX	MIN	N
0	13.75	1.204	15.66	11.61	24
10	13.70	1.179	15.60	11.55	24
20	13.05	1.220	15.01	10.84	24
30	11.36	1.690	15.02	7.51	24
50	7.98	.943	9.38	5.80	24
75	6.62	.620	7.48	5.27	24
100	5.89	.502	6.84	5.03	24
125	5.50	.363	6.17	4.81	24
150	5.44	.367	6.02	4.73	24
175	5.35	.429	6.14	4.41	24
200	5.11	.454	6.06	4.18	24
225	4.87	.377	5.74	4.11	24
250	4.68	.309	5.43	4.03	24
300	4.40	.249	4.86	3.81	24
400	4.09	.194	4.52	3.67	21
500	3.89	.104	4.04	3.68	18
600	3.68	.079	3.76	3.50	18
700	3.50	.062	3.56	3.33	17
800	3.31	.053	3.40	3.18	17
900	3.14	.044	3.21	3.03	17
1000	2.98	.041	3.05	2.89	17
1200	2.68	.031	2.73	2.62	16
1500	2.35	.028	2.39	2.30	11
2000	1.97	.014	1.99	1.96	4
2500	1.70	n/a	n/a	n/a	1
3000	1.57	n/a	n/a	n/a	1
3500	1.53	n/a	n/a	n/a	1

SALINITY

MEAN	S.D.	MAX	MIN	N
32.473	.1054	32.670	32.276	24
32.471	.0998	32.670	32.277	24
32.476	.1015	32.670	32.277	24
32.521	.0958	32.670	32.281	24
32.587	.0811	32.708	32.443	24
32.644	.0725	32.770	32.484	24
32.822	.1814	33.420	32.656	24
33.213	.2814	33.765	32.835	24
33.587	.1565	33.868	33.271	24
33.766	.0719	33.896	33.599	24
33.812	.0507	33.899	33.711	24
33.833	.0381	33.903	33.778	24
33.855	.0314	33.912	33.799	24
33.901	.0295	33.948	33.857	24
33.991	.0194	34.031	33.953	21
34.083	.0151	34.116	34.056	18
34.165	.0144	34.195	34.135	18
34.230	.0138	34.267	34.215	17
34.282	.0124	34.310	34.264	17
34.327	.0149	34.357	34.310	17
34.367	.0131	34.393	34.350	17
34.432	.0177	34.458	34.416	16
34.499	.0114	34.516	34.483	11
34.578	.0146	34.600	34.565	4
34.623	n/a	n/a	n/a	1
34.573	n/a	n/a	n/a	1
34.663	n/a	n/a	n/a	1

SIGMA T

PRESS	MEAN	S.D.	MAX	MIN	N
0	24.305	.2795	24.807	23.800	24
10	24.313	.2695	24.809	23.804	24
20	24.447	.2550	24.907	23.996	24
30	24.793	.3549	25.496	23.992	24
50	25.403	.1636	25.746	25.133	24
75	25.637	.1132	25.853	25.398	24
100	25.870	.1500	26.313	25.620	24
125	26.225	.2028	26.615	25.971	24
150	26.528	.1040	26.698	26.329	24
175	26.679	.0452	26.749	26.579	24
200	26.744	.0315	26.821	26.685	24
225	26.787	.0278	26.861	26.737	24
250	26.825	.0260	26.893	26.783	24
300	26.893	.0268	26.957	26.848	24
400	26.997	.0228	27.044	26.966	21
500	27.091	.0175	27.130	27.066	18
600	27.177	.0161	27.215	27.158	18
700	27.246	.0151	27.284	27.231	17
800	27.306	.0129	27.334	27.292	17
900	27.358	.0136	27.387	27.344	17
1000	27.404	.0121	27.433	27.389	17
1200	27.483	.0105	27.509	27.473	16
1500	27.565	.0101	27.579	27.549	11
2000	27.658	.0129	27.676	27.646	4
2500	27.715	n/a	n/a	n/a	1
3000	27.684	n/a	n/a	n/a	1
3500	27.760	n/a	n/a	n/a	1

SVA

MEAN	S.D.	MAX	MIN	N
362.9	26.64	411.0	315.1	24
362.4	25.69	410.9	315.1	24
349.9	25.29	392.8	305.9	24
317.0	23.88	359.5	249.9	24
259.1	15.64	284.9	226.3	24
237.0	10.84	259.9	216.3	24
215.1	14.26	239.0	173.1	24
181.6	19.18	205.5	144.8	24
153.2	9.80	171.8	137.2	24
139.1	4.33	148.5	132.3	24
133.1	3.11	139.2	125.7	24
129.2	2.78	134.3	121.9	24
125.8	2.59	130.2	119.1	24
119.6	2.64	123.9	113.4	24
110.4	2.30	113.6	105.5	21
102.2	1.76	104.7	98.2	18
94.6	1.62	96.5	90.8	18
88.6	1.47	90.2	85.0	17
83.4	1.26	84.9	80.6	17
78.8	1.32	80.3	75.9	17
74.8	1.35	76.3	71.9	17
67.9	1.00	68.7	65.2	16
60.7	.94	62.3	59.4	11
52.7	1.22	53.9	51.0	4
47.8	n/a	n/a	n/a	1
51.2	n/a	n/a	n/a	1
45.5	n/a	n/a	n/a	1

THETA

PRESS	MEAN	S.D.	MAX	MIN	N
0	13.75	1.204	15.66	11.61	24
10	13.70	1.179	15.60	11.55	24
20	13.05	1.219	15.01	10.84	24
30	11.36	1.691	15.02	7.51	24
50	7.97	.940	9.37	5.80	24
75	6.61	.619	7.47	5.27	24
100	5.88	.501	6.83	5.02	24
125	5.49	.363	6.16	4.80	24
150	5.43	.367	6.01	4.72	24
175	5.34	.429	6.13	4.40	24
200	5.09	.423	6.05	4.17	24
225	4.85	.377	5.72	4.09	24
250	4.66	.308	5.41	4.01	24
300	4.38	.250	4.84	3.79	24
400	4.06	.194	4.49	3.64	21
500	3.86	.102	4.00	3.64	18
600	3.64	.079	3.72	3.46	18
700	3.45	.062	3.51	3.28	17
800	3.26	.055	3.34	3.12	17
900	3.08	.043	3.15	2.97	17
1000	2.91	.041	2.98	2.82	17
1200	2.60	.032	2.65	2.53	16
1500	2.24	.027	2.28	2.20	11
2000	1.83	.013	1.85	1.82	4
2500	1.52	n/a	n/a	n/a	1
3000	1.35	n/a	n/a	n/a	1
3500	1.26	n/a	n/a	n/a	1

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
362.9	26.64	411.0	315.1	24
362.1	25.68	410.6	314.8	24
349.3	25.25	392.2	305.5	24
316.5	23.80	358.6	249.4	24
258.2	15.55	283.9	225.6	24
236.0	10.75	258.7	215.5	24
213.9	14.25	237.6	171.7	24
180.1	19.27	204.3	143.1	24
151.4	9.87	170.2	135.2	24
137.0	4.29	146.5	130.3	24
130.8	2.99	136.4	123.5	24
126.7	2.64	131.4	119.6	24
123.1	2.44	127.0	116.7	24
116.6	2.52	120.8	110.6	24
106.7	2.16	109.6	102.2	21
97.7	1.67	100.0	94.0	18
89.5	1.54	91.3	85.9	18
82.9	1.42	84.4	79.3	17
77.2	1.20	78.5	74.5	17
72.2	1.26	73.5	69.5	17
67.8	1.20	69.2	65.0	17
60.3	.97	61.5	57.8	16
52.3	.93	53.8	51.0	11
43.3	1.21	44.4	41.6	4
37.7	n/a	n/a	n/a	1
40.4	n/a	n/a	n/a	1
32.9	n/a	n/a	n/a	1

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DELTA D

PRESS	MEAN	S.D.	MAX	MIN	N
0	.000	.0000	.000	.000	24
10	.364	.0254	.410	.320	24
20	.724	.0499	.800	.630	24
30	1.057	.0690	1.180	.940	24
50	1.629	.0990	1.840	1.480	24
75	2.245	.1187	2.500	2.040	24
100	2.812	.1260	3.070	2.580	24
125	3.310	.1201	3.520	3.110	24
150	3.725	.1183	3.950	3.540	24
175	4.088	.1202	4.300	3.900	24
200	4.426	.1237	4.640	4.220	24
225	4.755	.1269	4.980	4.530	24
250	5.074	.1309	5.310	4.830	24
300	5.687	.1379	5.940	5.410	24
400	6.854	.1419	7.130	6.620	21
500	7.938	.1518	8.210	7.650	19
600	8.921	.1632	9.220	8.590	18
700	9.826	.1715	10.150	9.470	17
800	10.686	.1778	11.020	10.300	17
900	11.496	.1873	11.850	11.080	17
1000	12.266	.1958	12.630	11.830	17
1200	13.686	.2179	14.080	13.220	16
1500	15.644	.2514	16.010	15.080	11
2000	18.618	.1935	18.860	18.410	4
2500	21.180	n/a	n/a	n/a	1
3000	23.600	n/a	n/a	n/a	1
3500	26.040	n/a	n/a	n/a	1

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.00	.000	.00	.00	24
.02	.000	.02	.02	24
.07	.006	.08	.06	24
.16	.012	.18	.14	24
.39	.026	.45	.33	24
.78	.042	.87	.69	24
1.29	.051	1.37	1.18	24
1.86	.070	1.98	1.73	24
2.44	.103	2.61	2.22	24
3.04	.121	3.23	2.78	24
3.69	.133	3.91	3.42	24
4.40	.142	4.65	4.13	24
5.17	.164	5.45	4.88	24
6.89	.178	7.23	6.56	24
11.01	.221	11.45	10.50	21
15.92	.276	16.44	15.31	19
21.43	.358	22.06	20.59	18
27.46	.440	28.24	26.43	17
34.04	.529	34.92	32.78	17
41.06	.651	42.07	39.54	17
48.50	.722	49.65	46.75	17
64.44	.944	65.83	63.31	16
91.04	1.206	92.46	89.94	11
142.28	1.538	143.79	140.18	4
200.52	n/a	n/a	n/a	1
268.51	n/a	n/a	n/a	1
349.17	n/a	n/a	n/a	1

OXYGEN

PRESS	MEAN	S.D.	MAX	MIN	N
0	6.28	.200	6.41	6.05	3
10	6.19	.131	6.33	6.07	3
20	6.25	.185	6.44	6.07	3
30	6.75	.512	7.15	6.17	3
50	6.95	.248	7.23	6.75	3
75	6.87	.373	7.12	6.58	3
100	6.40	.708	6.84	5.58	3
125	5.83	.768	6.44	4.97	3
150	5.05	.417	5.44	4.61	3
175	4.30	.161	4.42	4.12	3
200	3.75	.211	3.99	3.62	3
225	3.27	.370	3.67	2.94	3
250	2.84	.405	3.25	2.44	3
300	2.17	.326	2.51	1.86	3
400	1.52	.180	1.69	1.33	3
500	1.05	.095	1.14	.95	3
600	.75	.047	.80	.71	3
700	.65	.076	.73	.58	3
800	.57	.085	.66	.49	3
900	.52	.081	.61	.45	3
1000	.50	.070	.57	.43	3
1200	.47	.057	.51	.43	3
1500	.71	.113	.79	.63	2
2000	1.38	.106	1.45	1.30	2
2500	1.96	n/a	n/a	n/a	1
3000	2.24	n/a	n/a	n/a	1
3500	2.85	n/a	n/a	n/a	1

SOUND

MEAN	S.D.	MAX	MIN	N
1500	4.0	1506	1493	24
1500	3.8	1506	1493	24
1498	4.1	1506	1491	24
1492	5.9	1506	1478	24
1480	5.7	1486	1475	24
1476	2.5	1479	1470	24
1473	2.0	1477	1470	24
1473	1.7	1475	1469	24
1473	1.8	1476	1470	24
1474	1.7	1477	1470	24
1473	1.8	1477	1469	24
1473	1.6	1476	1469	24
1472	1.4	1475	1469	24
1472	1.1	1474	1469	24
1473	.7	1474	1471	21
1473	.6	1474	1472	18
1474	.5	1475	1473	18
1475	.2	1475	1474	17
1476	0	1476	1476	17
1477	0	1477	1477	17
1478	0	1478	1478	17
1480	0	1480	1480	16
1484	0	1484	1484	11
1491	0	1491	1491	4
1498	n/a	n/a	n/a	1
1506	n/a	n/a	n/a	1
1514	n/a	n/a	n/a	1

DELTA DH

PRESS	MEAN	S.D.	MAX	MIN	N
0	12.265	.1959	12.633	11.828	17
10	11.904	.1845	12.256	11.481	17
20	11.543	.1787	11.893	11.134	17
30	11.203	.1750	11.561	10.820	17
50	10.619	.1741	10.984	10.283	17
75	9.994	.1771	10.332	9.637	17
100	9.427	.1704	9.718	9.058	17
125	8.936	.1436	9.175	8.596	17
150	8.526	.1259	8.731	8.220	17
175	8.165	.1189	8.351	7.876	17
200	7.825	.1152	7.998	7.544	17
225	7.496	.1122	7.657	7.222	17
250	7.175	.1096	7.326	6.909	17
300	6.558	.1042	6.692	6.309	17
400	5.403	.0867	5.507	5.199	17
500	4.338	.0691	4.419	4.176	17
600	3.355	.0533	3.416	3.227	17
700	2.440	.0386	2.482	2.350	17
800	1.579	.0252	1.608	1.523	17
900	.768	.0131	.784	.739	17
1000	.000	.0000	.000	.000	17
1200	-1.425	.0212	-1.375	-1.448	16
1500	-3.354	.0448	-3.254	-3.396	11
2000	-6.230	.0862	-6.107	-6.303	4
2500	-8.784	n/a	n/a	n/a	1
3000	-11.205	n/a	n/a	n/a	1
3500	-13.643	n/a	n/a	n/a	1

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TEMPERATURE

PRESS	MEAN	S.D.	MAX	MIN	N
0	13.79	.685	14.80	12.37	15
10	13.75	.677	14.65	12.38	15
20	13.58	.652	14.65	12.38	15
30	12.37	1.781	14.36	8.72	15
50	8.34	.908	9.74	6.50	15
75	6.84	.556	7.90	5.74	15
100	6.10	.488	6.74	5.06	15
125	5.67	.523	6.53	4.47	15
150	5.63	.398	6.43	5.10	15
175	5.51	.425	6.26	4.78	15
200	5.31	.432	6.00	4.46	15
225	5.03	.411	5.74	4.19	15
250	4.79	.408	5.48	3.95	15
300	4.43	.261	4.81	3.92	15
400	4.07	.147	4.29	3.81	15
500	3.88	.107	4.05	3.71	13
600	3.67	.079	3.78	3.54	13
700	3.48	.054	3.57	3.39	13
800	3.31	.048	3.38	3.23	13
900	3.14	.045	3.23	3.08	13
1000	2.98	.038	3.07	2.89	13
1200	2.69	.039	2.77	2.62	13
1500	2.35	.028	2.38	2.30	7
2000	1.95	.006	1.96	1.95	3
2500	1.75	n/a	n/a	n/a	1
3000	1.63	n/a	n/a	n/a	1
3500	1.56	n/a	n/a	n/a	1

SALINITY

PRESS	MEAN	S.D.	MAX	MIN	N
0	32.459	.0972	32.640	32.250	15
10	32.463	.0833	32.640	32.316	15
20	32.470	.0845	32.640	32.310	15
30	32.518	.1392	32.900	32.300	15
50	32.638	.1289	32.960	32.480	15
75	32.673	.1230	32.960	32.542	15
100	32.833	.2025	33.146	32.590	15
125	33.243	.3226	33.751	32.779	15
150	33.605	.1820	33.910	33.324	15
175	33.758	.0924	33.935	33.569	15
200	33.811	.0667	33.940	33.679	15
225	33.828	.0595	33.940	33.720	15
250	33.843	.0548	33.940	33.757	15
300	33.883	.0375	33.939	33.818	15
400	33.979	.0223	34.014	33.949	15
500	34.076	.0194	34.105	34.046	13
600	34.153	.0176	34.187	34.123	13
700	34.218	.0239	34.255	34.170	13
800	34.270	.0225	34.307	34.223	13
900	34.315	.0222	34.350	34.269	13
1000	34.356	.0258	34.396	34.314	13
1200	34.418	.0219	34.448	34.379	13
1500	34.496	.0197	34.520	34.465	7
2000	34.574	.0227	34.592	34.549	3
2500	34.623	n/a	n/a	n/a	1
3000	34.652	n/a	n/a	n/a	1
3500	34.665	n/a	n/a	n/a	1

SIGMA T

PRESS	MEAN	S.D.	MAX	MIN	N
0	24.290	.1347	24.534	24.067	15
10	24.302	.1280	24.527	24.126	15
20	24.341	.1230	24.523	24.126	15
30	24.603	.3801	25.419	24.197	15
50	25.390	.1808	25.662	25.075	15
75	25.632	.1059	25.778	25.444	15
100	25.852	.1446	26.085	25.598	15
125	26.227	.2083	26.520	25.954	15
150	26.519	.1044	26.659	26.358	15
175	26.654	.0388	26.715	26.590	15
200	26.719	.0279	26.787	26.669	15
225	26.765	.0247	26.817	26.723	15
250	26.804	.0254	26.853	26.772	15
300	26.876	.0219	26.924	26.840	15
400	26.990	.0207	27.028	26.951	15
500	27.087	.0193	27.112	27.045	13
600	27.169	.0175	27.205	27.134	13
700	27.239	.0192	27.268	27.200	13
800	27.297	.0174	27.324	27.260	13
900	27.348	.0162	27.367	27.314	13
1000	27.396	.0175	27.424	27.363	13
1200	27.471	.0176	27.494	27.442	13
1500	27.562	.0154	27.579	27.538	7
2000	27.656	.0168	27.671	27.637	3
2500	27.711	n/a	n/a	n/a	1
3000	27.743	n/a	n/a	n/a	1
3500	27.759	n/a	n/a	n/a	1

SVA

PRESS	MEAN	S.D.	MAX	MIN	N
0	364.3	12.83	385.6	341.1	15
10	363.4	12.21	380.2	341.9	15
20	360.0	11.74	380.4	342.5	15
30	335.1	36.27	374.0	257.4	15
50	260.4	17.27	290.5	234.3	15
75	237.6	10.10	255.6	223.8	15
100	216.7	13.69	241.0	194.7	15
125	181.4	19.64	207.4	153.9	15
150	154.0	9.80	169.1	141.1	15
175	141.5	3.60	147.6	135.5	15
200	135.6	2.69	140.3	128.9	15
225	131.3	2.41	135.3	126.2	15
250	127.8	2.53	130.8	122.9	15
300	121.3	2.12	124.7	116.6	15
400	111.1	2.03	114.9	107.4	15
500	102.6	1.88	106.7	100.2	13
600	95.3	1.70	98.8	91.9	13
700	89.2	1.83	92.9	86.6	13
800	84.2	1.62	87.6	81.7	13
900	79.8	1.53	83.0	78.2	13
1000	75.6	1.64	78.6	73.1	13
1200	69.0	1.63	71.8	66.9	13
1500	60.9	1.37	63.2	59.5	7
2000	52.8	1.64	54.6	51.4	3
2500	48.4	n/a	n/a	n/a	1
3000	46.3	n/a	n/a	n/a	1
3500	45.8	n/a	n/a	n/a	1

THETA

PRESS	MEAN	S.D.	MAX	MIN	N
0	13.79	.685	14.80	12.37	15
10	13.75	.677	14.65	12.38	15
20	13.58	.652	14.65	12.38	15
30	12.37	1.781	14.35	8.72	15
50	8.34	.904	9.73	6.59	15
75	6.83	.565	7.89	5.73	15
100	6.09	.486	6.73	5.06	15
125	5.66	.523	6.52	4.46	15
150	5.61	.399	6.42	5.09	15
175	5.50	.425	6.24	4.77	15
200	5.29	.430	5.99	4.45	15
225	5.01	.409	5.72	4.18	15
250	4.77	.407	5.46	3.93	15
300	4.41	.263	4.79	3.90	15
400	4.04	.146	4.26	3.78	15
500	3.84	.106	4.01	3.68	13
600	3.62	.079	3.74	3.50	13
700	3.43	.054	3.52	3.34	13
800	3.25	.045	3.32	3.18	13
900	3.08	.046	3.17	3.02	13
1000	2.91	.038	2.95	2.82	13
1200	2.61	.038	2.68	2.54	13
1500	2.24	.028	2.28	2.20	7
2000	1.81	.006	1.82	1.81	3
2500	1.57	n/a	n/a	n/a	1
3000	1.41	n/a	n/a	n/a	1
3500	1.29	n/a	n/a	n/a	1

SVA (THETA)

PRESS	MEAN	S.D.	MAX	MIN	N
0	364.3	12.83	385.6	341.1	15
10	363.2	12.20	379.9	341.7	15
20	359.4	11.71	379.8	342.0	15
30	334.4	36.17	373.1	256.8	15
50	259.5	17.21	289.5	233.6	15
75	236.5	10.06	254.3	222.6	15
100	215.5	13.74	239.7	193.4	15
125	179.9	19.80	205.9	152.0	15
150	152.1	9.93	167.5	138.8	15
175	139.3	3.70	145.5	133.5	15
200	133.1	2.64	137.9	126.7	15
225	128.7	2.34	132.8	123.9	15
250	125.1	2.41	128.1	120.4	15
300	118.2	2.05	121.6	113.7	15
400	107.3	1.95	111.0	103.8	15
500	98.1	1.81	102.0	95.7	13
600	90.2	1.65	93.6	86.9	13
700	83.5	1.85	87.3	80.8	13
800	78.0	1.63	81.5	75.5	13
900	73.1	1.56	76.4	71.3	13
1000	68.6	1.68	71.7	65.9	13
1200	61.4	1.64	64.1	59.2	13
1500	52.6	1.45	54.9	51.0	7
2000	43.5	1.69	45.4	42.1	3
2500	38.0	n/a	n/a	n/a	1
3000	34.7	n/a	n/a	n/a	1
3500	33.0	n/a	n/a	n/a	1

STATION MP20 S E P T E M B E R 1956 to 1990

DELTA D

PRESS	MEAN	S.D.	MAX	MIN	N
0	.000	.0000	.000	.000	15
10	.365	.0130	.380	.340	15
20	.728	.0254	.760	.680	15
30	1.082	.0345	1.140	1.030	15
50	1.670	.0746	1.790	1.530	15
75	2.289	.1002	2.450	2.110	15
100	2.855	.1187	3.040	2.640	15
125	3.353	.1424	3.550	3.070	15
150	3.771	.1612	4.000	3.440	15
175	4.138	.1664	4.390	3.800	15
200	4.483	.1683	4.750	4.140	15
225	4.817	.1693	5.090	4.470	15
250	5.140	.1703	5.420	4.790	15
300	5.763	.1683	6.060	5.420	15
400	6.921	.1693	7.240	6.580	15
500	7.992	.1800	8.320	7.640	13
600	8.981	.1866	9.330	8.630	13
700	9.901	.1922	10.260	9.540	13
800	10.767	.2003	11.130	10.390	13
900	11.588	.2045	11.940	11.200	13
1000	12.364	.2124	12.710	11.970	13
1200	13.809	.2199	14.130	13.400	13
1500	15.800	.1958	16.080	15.600	7
2000	18.807	.2479	19.030	18.540	3
2500	21.050	n/a	n/a	n/a	1
3000	23.430	n/a	n/a	n/a	1
3500	25.740	n/a	n/a	n/a	1

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.00	.000	.00	.00	15
.02	.000	.02	.02	15
.07	.005	.08	.07	15
.16	.007	.18	.15	15
.40	.028	.44	.35	15
.80	.043	.85	.72	15
1.30	.061	1.38	1.20	15
1.87	.094	2.02	1.69	15
2.45	.132	2.67	2.21	15
3.06	.150	3.30	2.79	15
3.72	.154	3.95	3.45	15
4.44	.158	4.67	4.16	15
5.23	.157	5.47	4.95	15
6.97	.154	7.24	6.70	15
11.10	.167	11.46	10.83	13
15.99	.224	16.44	15.69	13
21.52	.307	22.05	21.14	13
27.63	.399	28.31	27.12	13
34.25	.502	35.19	33.54	13
41.36	.616	42.56	40.46	13
48.87	.739	50.35	47.80	13
65.05	1.027	67.15	63.38	13
91.70	1.712	95.07	89.43	7
143.54	3.424	147.49	141.53	3
199.33	n/a	n/a	n/a	1
265.87	n/a	n/a	n/a	1
342.27	n/a	n/a	n/a	1

OXYGEN

PRESS	MEAN	S.D.	MAX	MIN	N
0	6.27	n/a	n/a	n/a	1
10	6.15	n/a	n/a	n/a	1
20	6.27	n/a	n/a	n/a	1
30	6.37	n/a	n/a	n/a	1
50	6.82	n/a	n/a	n/a	1
75	6.58	n/a	n/a	n/a	1
100	5.76	n/a	n/a	n/a	1
125	4.60	n/a	n/a	n/a	1
150	3.99	n/a	n/a	n/a	1
175	3.59	n/a	n/a	n/a	1
200	3.28	n/a	n/a	n/a	1
225	2.98	n/a	n/a	n/a	1
250	2.70	n/a	n/a	n/a	1
300	2.20	n/a	n/a	n/a	1
400	1.57	n/a	n/a	n/a	1
500	1.14	n/a	n/a	n/a	1
600	.88	n/a	n/a	n/a	1
700	.66	n/a	n/a	n/a	1
800	.55	n/a	n/a	n/a	1
900	.54	n/a	n/a	n/a	1
1000	.54	n/a	n/a	n/a	1
1200	.57	n/a	n/a	n/a	1
1500	.70	n/a	n/a	n/a	1
2000	1.31	n/a	n/a	n/a	1
2500	1.90	n/a	n/a	n/a	1
3000	2.72	n/a	n/a	n/a	1
3500	2.88	n/a	n/a	n/a	1

SOUND

MEAN	S.D.	MAX	MIN	N
1500	2.4	1504	1495	15
1500	2.3	1503	1496	15
1500	2.3	1504	1496	15
1496	5.2	1503	1483	15
1482	5.4	1487	1475	15
1477	2.3	1481	1472	15
1474	2.1	1477	1470	15
1474	2.5	1478	1468	15
1474	1.8	1478	1472	15
1474	1.9	1478	1471	15
1474	1.9	1477	1470	15
1473	1.7	1476	1470	15
1473	1.8	1476	1469	15
1472	1.5	1474	1470	15
1472	.6	1473	1471	15
1473	.5	1474	1473	15
1474	.4	1475	1474	15
1475	.0	1475	1475	15
1476	.0	1476	1476	15
1477	.0	1477	1477	15
1478	.0	1478	1478	15
1480	.3	1481	1480	15
1484	.0	1484	1484	7
1491	.6	1491	1490	3
1498	n/a	n/a	n/a	1
1506	n/a	n/a	n/a	1
1514	n/a	n/a	n/a	1

DELTA DH

PRESS	MEAN	S.D.	MAX	MIN	N
0	12.365	.2114	12.711	11.971	13
10	12.000	.2083	12.334	11.614	13
20	11.637	.2047	11.951	11.258	13
30	11.279	.1971	11.568	10.927	13
50	10.687	.1526	10.920	10.443	13
75	10.065	.1352	10.266	9.864	13
100	9.496	.1247	9.672	9.329	13
125	9.002	.1233	9.215	8.827	13
150	8.592	.1296	8.842	8.364	13
175	8.228	.1302	8.487	7.984	13
200	7.883	.1276	8.141	7.641	13
225	7.550	.1239	7.805	7.316	13
250	7.225	.1197	7.477	7.004	13
300	6.601	.1111	6.840	6.406	13
400	5.442	.0944	5.642	5.287	13
500	4.373	.0776	4.534	4.253	13
600	3.385	.0612	3.507	3.291	13
700	2.463	.0461	2.556	2.397	13
800	1.597	.0311	1.663	1.557	13
900	.776	.0158	.808	.755	13
1000	.000	.0000	.000	.000	13
1200	-1.443	.0301	-1.390	-1.499	13
1500	-3.381	.0799	-3.287	-3.531	7
2000	-6.270	.1827	-6.142	-6.479	3
2500	-8.706	n/a	n/a	n/a	1
3000	-11.081	n/a	n/a	n/a	1
3500	-13.387	n/a	n/a	n/a	1

STATION MP20 O C T O B E R 1956 to 1990

TEMPERATURE

PRESS	MEAN	S.D.	MAX	MIN	N
0	12.23	1.769	14.83	10.18	8
10	12.25	1.730	14.83	10.19	8
20	12.24	1.739	14.83	10.19	8
30	11.75	1.511	14.82	10.19	8
50	9.33	1.605	11.08	6.73	8
75	6.69	.711	7.50	5.59	8
100	6.01	.520	6.90	5.26	8
125	5.75	.349	6.30	5.34	8
150	5.66	.240	6.16	5.40	8
175	5.53	.193	5.87	5.31	8
200	5.29	.232	5.74	5.02	8
225	5.04	.229	5.51	4.75	8
250	4.83	.188	5.19	4.53	8
300	4.52	.124	4.65	4.23	8
400	4.16	.104	4.26	3.95	8
500	3.94	.088	4.04	3.77	8
600	3.72	.069	3.80	3.58	8
700	3.50	.048	3.55	3.40	8
800	3.31	.048	3.35	3.22	8
900	3.14	.032	3.17	3.08	8
1000	2.98	.032	3.01	2.92	8
1200	2.69	.029	2.73	2.64	8
1500	2.35	.024	2.37	2.31	6
2000	1.94	.010	1.95	1.93	3
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0
3500	n/a	n/a	n/a	n/a	0

SALINITY

MEAN	S.D.	MAX	MIN	N
32.473	.0855	32.640	32.350	8
32.478	.0887	32.660	32.362	8
32.478	.0863	32.665	32.376	8
32.505	.1138	32.687	32.379	8
32.583	.1376	32.750	32.432	8
32.693	.0905	32.830	32.570	8
32.870	.2048	33.290	32.610	8
33.280	.2759	33.741	32.938	8
33.629	.1471	33.848	33.464	8
33.771	.0595	33.885	33.702	8
33.808	.0396	33.890	33.769	8
33.832	.0382	33.910	33.783	8
33.845	.0274	33.890	33.806	8
33.886	.0223	33.936	33.857	8
33.988	.0224	34.032	33.963	8
34.085	.0192	34.120	34.061	8
34.159	.0169	34.198	34.143	8
34.223	.0203	34.266	34.201	8
34.278	.0243	34.332	34.250	8
34.326	.0206	34.373	34.310	8
34.368	.0172	34.405	34.347	8
34.432	.0205	34.473	34.410	8
34.501	.0186	34.539	34.491	6
34.581	.0000	34.583	34.579	3
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

SIGMA T

PRESS	MEAN	S.D.	MAX	MIN	N
0	24.594	.3552	24.995	24.091	8
10	24.596	.3391	24.994	24.092	8
20	24.597	.3441	24.994	24.090	8
30	24.714	.3197	25.041	24.095	8
50	25.188	.3468	25.700	24.796	8
75	25.666	.1503	25.875	25.512	8
100	25.893	.1836	26.197	25.576	8
125	26.248	.2045	26.543	25.927	8
150	26.535	.0988	26.646	26.398	8
175	26.663	.0392	26.711	26.600	8
200	26.720	.0210	26.749	26.677	8
225	26.767	.0246	26.813	26.727	8
250	26.802	.0257	26.858	26.771	8
300	26.869	.0295	26.939	26.843	8
400	26.987	.0351	27.044	26.965	8
500	27.088	.0220	27.132	27.058	8
600	27.169	.0203	27.213	27.148	8
700	27.241	.0193	27.285	27.222	8
800	27.303	.0220	27.354	27.282	8
900	27.357	.0182	27.400	27.344	8
1000	27.405	.0160	27.440	27.386	8
1200	27.482	.0184	27.520	27.461	8
1500	27.567	.0165	27.599	27.557	6
2000	27.662	.0000	27.664	27.660	3
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0
3500	n/a	n/a	n/a	n/a	0

SVA

MEAN	S.D.	MAX	MIN	N
335.3	33.86	383.3	297.1	8
335.4	33.33	383.4	297.4	8
335.5	32.84	383.9	297.6	8
324.5	30.54	383.7	293.3	8
279.7	33.15	317.1	230.7	8
234.3	14.38	249.0	214.3	8
212.9	17.49	243.2	184.1	8
179.4	19.34	210.0	151.7	8
152.6	9.32	165.6	142.2	8
140.7	3.69	146.7	136.3	8
135.5	1.99	139.6	132.7	8
131.2	2.33	134.9	126.6	8
128.0	2.49	130.9	122.5	8
121.9	2.88	124.5	115.1	8
111.4	2.45	113.6	105.9	8
102.5	2.17	105.5	98.2	8
95.5	1.97	97.5	91.1	8
89.1	1.83	90.9	84.9	8
83.7	2.13	85.6	78.7	8
79.0	1.74	80.2	74.9	8
74.7	1.51	76.5	71.4	8
68.0	1.78	70.1	64.4	8
60.6	1.58	61.5	57.4	6
52.1	.23	52.4	52.0	3
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

THETA

PRESS	MEAN	S.D.	MAX	MIN	N
0	12.23	1.769	14.83	10.18	8
10	12.25	1.731	14.83	10.19	8
20	12.24	1.739	14.83	10.19	8
30	11.75	1.511	14.82	10.19	8
50	9.32	1.602	11.07	6.73	8
75	6.68	.711	7.49	5.58	8
100	6.00	.520	6.89	5.25	8
125	5.74	.347	6.29	5.33	8
150	5.65	.238	6.14	5.39	8
175	5.51	.192	5.85	5.30	8
200	5.27	.231	5.72	5.00	8
225	5.03	.227	5.49	4.74	8
250	4.81	.188	5.17	4.51	8
300	4.50	.125	4.63	4.21	8
400	4.13	.104	4.23	3.92	8
500	3.90	.085	4.00	3.74	8
600	3.68	.072	3.76	3.53	8
700	3.45	.048	3.50	3.35	8
800	3.25	.046	3.30	3.17	8
900	3.08	.032	3.11	3.02	8
1000	2.91	.029	2.94	2.86	8
1200	2.61	.028	2.65	2.56	8
1500	2.25	.023	2.27	2.21	6
2000	1.80	.010	1.81	1.79	3
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0
3500	n/a	n/a	n/a	n/a	0

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
335.3	33.86	383.3	297.1	8
335.1	33.34	383.5	297.2	8
335.0	32.77	383.3	297.4	8
323.8	30.44	382.8	292.7	8
278.7	32.99	316.0	230.0	8
233.2	14.28	247.9	213.4	8
211.7	17.45	241.8	182.8	8
177.9	19.41	208.4	149.9	8
150.7	9.39	163.7	140.1	8
138.5	3.70	144.4	133.9	8
133.1	1.99	137.2	130.3	8
128.6	2.30	132.4	124.2	8
125.2	2.41	128.1	119.9	8
118.9	2.81	121.4	112.2	8
107.6	2.39	109.7	102.2	8
98.0	2.09	100.8	93.8	8
90.3	1.90	92.3	86.1	8
83.4	1.80	85.2	79.3	8
77.4	2.08	79.4	72.6	8
72.3	1.72	73.5	68.3	8
67.7	1.50	69.5	64.4	8
60.3	1.74	62.3	56.8	8
52.2	1.54	53.1	49.1	6
42.9	.20	43.1	42.7	3
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

STATION MP20 O C T O B E R 1956 to 1990

DELTA D

PRESS	MEAN	S.D.	MAX	MIN	N
0	.000	.0000	.000	.000	8
10	.336	.0320	.380	.300	8
20	.667	.0669	.770	.590	8
30	1.004	.0965	1.150	.890	8
50	1.621	.0973	1.780	1.500	8
75	2.254	.1014	2.440	2.140	8
100	2.815	.1266	3.060	2.670	8
125	3.308	.1690	3.630	3.080	8
150	3.718	.1990	4.090	3.440	8
175	4.082	.2104	4.480	3.790	8
200	4.428	.2157	4.840	4.130	8
225	4.757	.2199	5.180	4.460	8
250	5.085	.2228	5.510	4.790	8
300	5.708	.2357	6.150	5.410	8
400	6.876	.2453	7.340	6.550	8
500	7.945	.2570	8.430	7.570	8
600	8.935	.2745	9.450	8.510	8
700	9.859	.2883	10.390	9.390	8
800	10.721	.2997	11.260	10.210	8
900	11.534	.3154	12.090	10.980	8
1000	12.300	.3267	12.870	11.710	8
1200	13.725	.3444	14.300	13.060	8
1500	15.682	.4422	16.240	14.880	6
2000	18.770	.2524	19.060	18.600	3
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0
3500	n/a	n/a	n/a	n/a	0

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.00	.000	.00	.00	8
.02	.000	.02	.02	8
.07	.008	.08	.06	8
.15	.015	.18	.14	8
.40	.023	.45	.38	8
.80	.049	.87	.73	8
1.30	.078	1.42	1.19	8
1.87	.121	2.08	1.70	8
2.44	.160	2.73	2.21	8
3.05	.179	3.37	2.79	8
3.71	.189	4.05	3.43	8
4.43	.195	4.79	4.15	8
5.21	.204	5.59	4.94	8
6.96	.229	7.38	6.67	8
11.12	.288	11.62	10.61	8
16.02	.372	16.64	15.28	8
21.57	.476	22.32	20.57	8
27.68	.591	28.54	26.40	8
34.28	.728	35.21	32.64	8
41.31	.892	42.39	39.28	8
48.74	1.032	49.91	46.36	8
64.71	1.361	66.00	61.51	8
91.05	2.372	92.59	86.49	6
142.50	.329	142.80	142.15	3
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

OXYGEN

PRESS	MEAN	S.D.	MAX	MIN	N
0	6.43	n/a	n/a	n/a	1
10	6.43	n/a	n/a	n/a	1
20	6.43	n/a	n/a	n/a	1
30	6.43	n/a	n/a	n/a	1
50	6.42	n/a	n/a	n/a	1
75	6.81	n/a	n/a	n/a	1
100	6.55	n/a	n/a	n/a	1
125	5.47	n/a	n/a	n/a	1
150	4.92	n/a	n/a	n/a	1
175	4.58	n/a	n/a	n/a	1
200	3.88	n/a	n/a	n/a	1
225	3.61	n/a	n/a	n/a	1
250	3.35	n/a	n/a	n/a	1
300	2.59	n/a	n/a	n/a	1
400	1.84	n/a	n/a	n/a	1
500	1.31	n/a	n/a	n/a	1
600	.96	n/a	n/a	n/a	1
700	.88	n/a	n/a	n/a	1
800	.82	n/a	n/a	n/a	1
900	.67	n/a	n/a	n/a	1
1000	.54	n/a	n/a	n/a	1
1200	.66	n/a	n/a	n/a	1
1500	.82	n/a	n/a	n/a	1
2000	1.44	n/a	n/a	n/a	1
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0
3500	n/a	n/a	n/a	n/a	0

SOUND

MEAN	S.D.	MAX	MIN	N
1495	6.1	1504	1488	8
1495	5.9	1504	1488	8
1495	5.9	1504	1488	8
1494	5.1	1504	1488	8
1486	5.8	1492	1476	8
1476	2.8	1479	1472	8
1474	2.1	1477	1471	8
1474	1.7	1477	1472	8
1475	1.2	1477	1473	8
1475	.9	1476	1473	8
1474	1.1	1476	1473	8
1473	1.0	1475	1472	8
1473	.6	1474	1472	8
1473	.8	1473	1471	8
1473	.5	1473	1472	8
1474	.5	1474	1473	8
1474	.5	1475	1474	8
1475	.0	1475	1475	8
1476	.0	1476	1476	8
1477	.0	1477	1477	8
1478	.0	1478	1478	8
1480	.0	1480	1480	8
1484	.0	1484	1484	6
1490	.6	1491	1490	3
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

DELTA DH

PRESS	MEAN	S.D.	MAX	MIN	N
0	12.301	.3258	12.866	11.709	8
10	11.966	.3101	12.508	11.412	8
20	11.631	.2982	12.152	11.114	8
30	11.297	.2881	11.796	10.816	8
50	10.680	.2535	11.088	10.214	8
75	10.048	.2400	10.425	9.564	8
100	9.487	.2251	9.810	9.006	8
125	8.995	.1952	9.237	8.550	8
150	8.582	.1743	8.773	8.178	8
175	8.219	.1667	8.386	7.830	8
200	7.874	.1629	8.030	7.493	8
225	7.541	.1592	7.687	7.168	8
250	7.218	.1531	7.355	6.858	8
300	6.593	.1401	6.718	6.265	8
400	5.426	.1137	5.528	5.159	8
500	4.356	.0916	4.433	4.140	8
600	3.366	.0727	3.422	3.195	8
700	2.443	.0541	2.482	2.315	8
800	1.580	.0346	1.606	1.498	8
900	.768	.0163	.786	.731	8
1000	.000	.0000	.000	.000	8
1200	-1.424	.0338	-1.352	-1.467	8
1500	-3.345	.0868	-3.171	-3.411	6
2000	-6.208	.0127	-6.194	-6.218	3
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0
3500	n/a	n/a	n/a	n/a	0

STATION MP20 N O V E M B E R 1956 to 1990

TEMPERATURE

PRESS	MEAN	S.D.	MAX	MIN	N
0	9.32	.530	9.90	8.75	5
10	9.32	.527	9.89	8.75	5
20	9.32	.530	9.89	8.75	5
30	9.33	.522	9.89	8.77	5
50	9.27	.480	9.69	8.73	5
75	7.06	.543	7.67	6.40	5
100	6.14	.367	6.62	5.65	5
125	5.95	.384	6.31	5.36	5
150	5.81	.398	6.26	5.18	5
175	5.63	.376	6.05	5.04	5
200	5.34	.359	5.63	4.74	5
225	5.13	.324	5.44	4.60	5
250	4.92	.286	5.22	4.46	5
300	4.55	.165	4.68	4.26	5
400	4.21	.081	4.33	4.11	5
500	3.96	.075	4.09	3.91	5
600	3.75	.053	3.84	3.70	5
700	3.53	.041	3.60	3.49	5
800	3.33	.045	3.40	3.28	5
900	3.15	.047	3.22	3.10	5
1000	2.99	.047	3.07	2.95	5
1200	2.71	.059	2.80	2.65	5
1500	2.38	.085	2.47	2.30	3
2000	1.96	.075	2.04	1.89	3
2500	1.74	n/a	n/a	n/a	1
3000	1.60	n/a	n/a	n/a	1
3500	1.53	n/a	n/a	n/a	1

SALINITY

MEAN	S.D.	MAX	MIN	N
32.487	.0740	32.586	32.380	5
32.481	.0607	32.556	32.390	5
32.482	.0610	32.555	32.392	5
32.485	.0601	32.554	32.390	5
32.489	.0596	32.562	32.397	5
32.656	.1123	32.791	32.545	5
32.839	.2271	33.207	32.664	5
33.316	.2258	33.693	33.137	5
33.709	.0963	33.782	33.571	5
33.802	.0374	33.837	33.760	5
33.834	.0239	33.856	33.795	5
33.859	.0259	33.893	33.823	5
33.879	.0214	33.905	33.850	5
33.916	.0192	33.936	33.895	5
34.000	.0124	34.013	33.986	5
34.095	.0101	34.105	34.084	5
34.165	.0067	34.170	34.160	5
34.230	.0077	34.241	34.220	5
34.284	.0105	34.295	34.268	5
34.329	.0158	34.341	34.304	5
34.369	.0188	34.383	34.337	5
34.428	.0225	34.450	34.393	5
34.492	.0261	34.513	34.463	3
34.572	.0210	34.594	34.552	3
34.613	n/a	n/a	n/a	1
34.638	n/a	n/a	n/a	1
34.662	n/a	n/a	n/a	1

SIGMA T

PRESS	MEAN	S.D.	MAX	MIN	N
0	25.124	.0858	25.211	25.004	5
10	25.120	.0839	25.212	25.012	5
20	25.120	.0834	25.213	25.013	5
30	25.122	.0866	25.215	25.012	5
50	25.134	.0829	25.216	25.022	5
75	25.589	.1421	25.760	25.423	5
100	25.853	.1417	26.081	25.728	5
125	26.251	.1581	26.508	26.097	5
150	26.578	.0930	26.639	26.414	5
175	26.675	.0485	26.714	26.591	5
200	26.734	.0267	26.773	26.701	5
225	26.779	.0219	26.810	26.750	5
250	26.819	.0199	26.847	26.796	5
300	26.890	.0164	26.904	26.864	5
400	26.992	.0169	27.013	26.968	5
500	27.093	.0120	27.103	27.072	5
600	27.170	.0074	27.178	27.160	5
700	27.244	.0078	27.253	27.232	5
800	27.305	.0106	27.316	27.287	5
900	27.359	.0156	27.372	27.332	5
1000	27.405	.0191	27.417	27.372	5
1200	27.477	.0214	27.495	27.442	5
1500	27.556	.0278	27.580	27.525	5
2000	27.654	.0225	27.677	27.632	3
2500	27.704	n/a	n/a	n/a	1
3000	27.734	n/a	n/a	n/a	1
3500	27.759	n/a	n/a	n/a	1

SVA

MEAN	S.D.	MAX	MIN	N
284.9	8.17	296.3	276.6	5
285.4	7.98	295.7	276.7	5
285.5	7.94	295.7	276.4	5
285.5	8.29	296.1	276.7	5
284.7	7.90	295.4	276.9	5
241.7	13.56	257.5	225.4	5
216.7	13.37	228.5	195.2	5
179.3	14.94	193.9	155.0	5
148.5	8.89	164.2	142.7	5
139.6	4.75	147.7	135.6	5
134.2	2.67	137.5	130.2	5
130.1	2.26	132.9	126.8	5
126.4	2.06	128.7	123.5	5
120.0	1.57	121.5	118.5	5
111.0	1.66	113.4	108.9	5
102.1	1.26	104.2	101.1	5
95.3	.75	96.5	94.5	5
88.9	.79	90.1	88.0	5
83.5	1.14	85.4	82.4	5
78.8	1.56	81.5	77.5	5
74.8	1.86	78.0	73.6	5
68.6	2.08	72.0	66.9	5
61.7	2.86	64.8	59.2	5
53.1	2.45	55.5	50.6	5
49.1	n/a	n/a	n/a	1
46.9	n/a	n/a	n/a	1
45.5	n/a	n/a	n/a	1

THETA

PRESS	MEAN	S.D.	MAX	MIN	N
0	9.32	.530	9.90	8.75	5
10	9.32	.527	9.89	8.75	5
20	9.32	.530	9.89	8.75	5
30	9.33	.522	9.89	8.77	5
50	9.26	.477	9.68	8.73	5
75	7.05	.545	7.66	6.39	5
100	6.13	.367	6.61	5.64	5
125	5.94	.382	6.30	5.35	5
150	5.80	.398	6.25	5.17	5
175	5.61	.372	6.03	5.03	5
200	5.33	.361	5.62	4.72	5
225	5.11	.325	5.42	4.58	5
250	4.90	.286	5.20	4.44	5
300	4.52	.165	4.66	4.24	5
400	4.18	.081	4.30	4.08	5
500	3.92	.079	4.06	3.87	5
600	3.71	.054	3.80	3.66	5
700	3.48	.041	3.55	3.44	5
800	3.27	.045	3.34	3.22	5
900	3.08	.047	3.16	3.04	5
1000	2.92	.047	3.00	2.88	5
1200	2.63	.055	2.71	2.57	5
1500	2.28	.080	2.36	2.20	3
2000	1.82	.075	1.90	1.75	3
2500	1.56	n/a	n/a	n/a	1
3000	1.38	n/a	n/a	n/a	1
3500	1.26	n/a	n/a	n/a	1

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
284.9	8.17	296.3	276.6	5
285.2	7.98	295.5	276.5	5
285.2	7.95	295.4	276.0	5
285.0	8.24	295.5	276.2	5
283.8	7.89	294.5	276.0	5
240.6	13.22	256.3	224.3	5
215.4	13.50	227.3	193.7	5
177.6	15.02	192.2	153.2	5
146.5	8.83	162.1	140.7	5
137.3	4.62	145.3	133.6	5
131.7	2.48	134.9	128.1	5
127.5	2.10	130.2	124.5	5
123.6	1.89	125.8	121.0	5
116.9	1.54	119.4	115.6	5
107.1	1.60	109.4	105.1	5
97.5	1.20	99.5	96.6	5
90.1	.65	91.1	89.4	5
83.1	.76	84.2	82.2	5
77.3	1.06	79.0	76.2	5
72.1	1.45	74.6	70.9	5
67.7	1.76	70.8	66.6	5
60.8	2.00	64.1	59.1	5
53.2	2.62	56.1	51.0	5
43.7	2.15	45.8	41.5	5
38.7	n/a	n/a	n/a	1
35.6	n/a	n/a	n/a	1
33.0	n/a	n/a	n/a	1

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DELTA D

PRESS	MEAN	S.D.	MAX	MIN	N
0	.000	.0000	.000	.000	5
10	.288	.0084	.300	.280	5
20	.572	.0164	.590	.550	5
30	.856	.0261	.890	.830	5
50	1.430	.0400	1.480	1.380	5
75	2.104	.0410	2.170	2.060	5
100	2.678	.0217	2.710	2.660	5
125	3.174	.0251	3.210	3.140	5
150	3.578	.0432	3.630	3.520	5
175	3.934	.0532	4.010	3.870	5
200	4.276	.0615	4.370	4.210	5
225	4.608	.0642	4.710	4.550	5
250	4.928	.0642	5.030	4.870	5
300	5.542	.0719	5.660	5.490	5
400	6.696	.0868	6.840	6.620	5
500	7.762	.1003	7.930	7.670	5
600	8.746	.1088	8.930	8.650	5
700	9.668	.1143	9.860	9.560	5
800	10.530	.1229	10.740	10.420	5
900	11.340	.1329	11.570	11.230	5
1000	12.108	.1501	12.370	11.990	5
1200	13.538	.1899	13.870	13.390	5
1500	15.540	.3345	15.920	15.290	3
2000	18.420	.4660	18.940	18.040	3
2500	21.530	n/a	n/a	n/a	1
3000	23.930	n/a	n/a	n/a	1
3500	26.250	n/a	n/a	n/a	1

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.00	.000	.00	.00	5
.01	.004	.02	.01	5
.06	.000	.06	.06	5
.13	.004	.14	.13	5
.37	.011	.38	.35	5
.79	.013	.81	.78	5
1.31	.024	1.34	1.28	5
1.87	.054	1.94	1.79	5
2.44	.076	2.50	2.31	5
3.03	.088	3.14	2.90	5
3.68	.096	3.81	3.55	5
4.40	.105	4.55	4.27	5
5.17	.109	5.34	5.06	5
6.90	.122	7.09	6.79	5
11.01	.183	11.31	10.82	5
15.89	.249	16.29	15.61	5
21.42	.295	21.90	21.10	5
27.51	.340	28.08	27.16	5
34.09	.388	34.76	33.74	5
41.12	.500	41.99	40.74	5
48.55	.661	49.70	48.08	5
64.59	1.116	66.51	63.81	5
91.85	2.557	94.73	89.84	5
143.09	4.903	148.43	138.79	5
207.66	n/a	n/a	n/a	1
274.91	n/a	n/a	n/a	1
351.57	n/a	n/a	n/a	1

OXYGEN

PRESS	MEAN	S.D.	MAX	MIN	N
0	6.55	.120	6.63	6.46	2
10	6.58	.092	6.64	6.51	5
20	6.60	.184	6.73	6.47	5
30	6.57	.177	6.69	6.44	5
50	6.53	.170	6.65	6.41	2
75	6.31	.679	6.79	5.83	2
100	5.97	.863	6.58	5.36	2
125	4.22	1.018	4.94	3.50	2
150	4.49	.891	5.12	3.86	5
175	3.96	.771	4.50	3.41	5
200	3.49	.502	3.84	3.13	5
225	3.03	.474	3.37	2.70	5
250	2.61	.410	2.90	2.32	5
300	2.11	.368	2.37	1.85	2
400	1.41	.085	1.47	1.35	2
500	.90	.057	.94	.86	2
600	.68	.042	.71	.65	2
700	.54	.042	.57	.51	5
800	.52	.184	.65	.39	5
900	.56	.290	.77	.36	5
1000	.61	.389	.88	.33	5
1200	.72	.474	1.06	.39	5
1500	.96	.453	1.28	.64	2
2000	1.44	.170	1.56	1.32	2
2500	1.88	n/a	n/a	n/a	1
3000	2.40	n/a	n/a	n/a	1
3500	2.75	n/a	n/a	n/a	1

SOUND

MEAN	S.D.	MAX	MIN	N
1485	1.8	1487	1483	5
1485	1.9	1487	1483	5
1485	1.9	1487	1483	5
1485	1.9	1487	1483	5
1485	2.0	1487	1483	5
1477	1.9	1480	1475	5
1474	1.8	1477	1472	5
1475	1.7	1476	1472	5
1475	1.9	1477	1472	5
1475	1.6	1476	1472	5
1474	1.3	1475	1472	5
1473	1.5	1475	1471	5
1473	1.6	1475	1471	5
1473	.9	1473	1471	5
1473	.0	1473	1473	5
1474	.5	1474	1473	5
1474	.4	1475	1474	5
1475	.4	1476	1475	5
1476	.0	1476	1476	5
1477	.0	1477	1477	5
1478	.0	1478	1478	5
1480	.4	1481	1480	5
1484	.0	1484	1484	5
1491	.6	1491	1490	5
1498	n/a	n/a	n/a	1
1506	n/a	n/a	n/a	1
1514	n/a	n/a	n/a	1

DELTA DH

PRESS	MEAN	S.D.	MAX	MIN	N
0	12.108	.1494	12.369	11.991	5
10	11.822	.1480	12.080	11.703	5
20	11.537	.1477	11.793	11.415	5
30	11.252	.1473	11.504	11.126	5
50	10.677	.1433	10.915	10.549	5
75	10.006	.1504	10.264	9.896	5
100	9.431	.1523	9.701	9.335	5
125	8.934	.1466	9.188	8.822	5
150	8.531	.1285	8.744	8.419	5
175	8.173	.1115	8.355	8.071	5
200	7.832	.1040	8.002	7.739	5
225	7.501	.0982	7.663	7.418	5
250	7.181	.0940	7.337	7.105	5
300	6.565	.0864	6.710	6.500	5
400	5.411	.0686	5.528	5.362	5
500	4.348	.0549	4.441	4.302	5
600	3.361	.0468	3.439	3.317	5
700	2.440	.0395	2.506	2.403	5
800	1.579	.0313	1.631	1.550	5
900	.768	.0173	.797	.755	5
1000	.000	.0000	.000	.000	5
1200	-1.431	.0411	-1.397	-1.500	3
1500	-3.406	.1310	-3.298	-3.552	3
2000	-6.286	.2645	-6.050	-6.572	3
2500	-9.160	n/a	n/a	n/a	1
3000	-11.561	n/a	n/a	n/a	1
3500	-13.875	n/a	n/a	n/a	1

STATION MP20 D E C E M B E R 1956 to 1990

TEMPERATURE

PRESS	MEAN	S.D.	MAX	MIN	N
0	8.37	.620	9.34	7.51	13
10	8.34	.648	9.32	7.50	13
20	8.34	.649	9.31	7.51	13
30	8.32	.641	9.30	7.50	13
50	8.26	.607	9.30	7.48	13
75	7.63	.660	9.27	6.60	13
100	6.07	.557	7.34	5.31	13
125	5.46	.416	6.35	4.68	13
150	5.58	.328	6.08	5.19	13
175	5.48	.364	6.16	5.07	13
200	5.28	.388	6.07	4.77	13
225	5.05	.410	5.93	4.47	13
250	4.82	.393	5.70	4.20	13
300	4.47	.373	5.27	3.77	13
400	4.09	.177	4.36	3.77	13
500	3.88	.110	4.08	3.74	12
600	3.68	.097	3.88	3.55	12
700	3.50	.097	3.69	3.38	12
800	3.31	.077	3.46	3.21	12
900	3.14	.056	3.25	3.06	12
1000	2.99	.048	3.06	2.91	12
1200	2.70	.059	2.85	2.62	12
1500	2.39	.109	2.58	2.32	5
2000	1.96	n/a	n/a	n/a	1
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0
3500	n/a	n/a	n/a	n/a	0

SALINITY

MEAN	S.D.	MAX	MIN	N
32.535	.0766	32.670	32.430	13
32.530	.0707	32.664	32.454	13
32.531	.0693	32.664	32.466	13
32.535	.0712	32.680	32.461	13
32.540	.0697	32.680	32.458	13
32.632	.1323	32.920	32.480	13
32.869	.1624	33.180	32.546	13
33.209	.2549	33.580	32.871	13
33.613	.1607	33.856	33.235	13
33.771	.0968	33.877	33.526	13
33.820	.0626	33.898	33.680	13
33.837	.0585	33.900	33.710	13
33.852	.0530	33.910	33.731	13
33.885	.0496	33.940	33.773	13
33.980	.0334	34.025	33.929	13
34.074	.0286	34.110	34.019	12
34.155	.0253	34.200	34.105	12
34.221	.0242	34.260	34.176	12
34.274	.0212	34.300	34.232	12
34.324	.0189	34.350	34.288	12
34.363	.0157	34.380	34.336	12
34.432	.0187	34.452	34.399	12
34.488	.0277	34.527	34.454	5
34.560	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

SIGMA T

PRESS	MEAN	S.D.	MAX	MIN	N
0	25.307	.1001	25.505	25.208	13
10	25.308	.1029	25.504	25.208	13
20	25.309	.1017	25.503	25.211	13
30	25.315	.0982	25.503	25.221	13
50	25.328	.0903	25.502	25.216	13
75	25.490	.1681	25.858	25.280	13
100	25.884	.1612	26.158	25.527	13
125	26.226	.1786	26.484	25.980	13
150	26.532	.1108	26.661	26.276	13
175	26.668	.0632	26.741	26.523	13
200	26.730	.0434	26.796	26.659	13
225	26.770	.0378	26.832	26.714	13
250	26.807	.0331	26.859	26.752	13
300	26.873	.0388	26.922	26.804	13
400	26.990	.0287	27.019	26.931	13
500	27.085	.0291	27.110	27.028	12
600	27.169	.0270	27.204	27.118	12
700	27.239	.0260	27.275	27.192	12
800	27.299	.0225	27.322	27.253	12
900	27.355	.0188	27.376	27.317	12
1000	27.401	.0153	27.417	27.373	12
1200	27.481	.0184	27.502	27.442	12
1500	27.552	.0293	27.588	27.509	5
2000	27.645	n/a	n/a	n/a	1
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0
3500	n/a	n/a	n/a	n/a	0

SVA

MEAN	S.D.	MAX	MIN	N
267.5	9.51	276.9	248.7	13
267.5	9.77	277.0	248.9	13
267.5	9.70	276.9	249.1	13
267.2	9.37	276.2	249.3	13
266.2	8.63	277.0	249.6	13
251.1	16.06	271.2	216.0	13
213.8	15.37	247.9	187.7	13
181.4	16.88	205.0	157.1	13
152.8	10.46	176.9	140.8	13
140.2	5.98	153.7	133.2	13
134.5	4.17	141.2	128.3	13
130.9	3.68	136.5	124.9	13
127.5	3.24	133.3	122.6	13
121.5	3.81	128.7	116.8	13
111.1	2.79	116.9	108.4	13
102.8	2.85	108.3	100.3	12
95.4	2.67	100.4	92.1	12
89.2	2.57	93.9	85.8	12
84.1	2.22	88.7	81.8	12
79.2	1.84	82.9	76.9	12
75.2	1.53	77.9	73.5	12
68.1	1.82	72.2	65.9	12
62.1	3.01	66.7	58.6	5
53.9	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

THETA

PRESS	MEAN	S.D.	MAX	MIN	N
0	8.37	.620	9.34	7.51	13
10	8.34	.647	9.31	7.50	13
20	8.34	.648	9.31	7.51	13
30	8.32	.640	9.30	7.50	13
50	8.26	.605	9.30	7.48	13
75	7.63	.661	9.27	6.59	13
100	6.06	.557	7.33	5.30	13
125	5.45	.416	6.24	4.67	13
150	5.56	.330	6.07	5.18	13
175	5.47	.364	6.15	5.05	13
200	5.26	.388	6.06	4.75	13
225	5.04	.410	5.91	4.45	13
250	4.80	.393	5.68	4.18	13
300	4.45	.371	5.24	3.75	13
400	4.06	.177	4.33	3.74	13
500	3.85	.109	4.04	3.70	12
600	3.64	.099	3.84	3.51	12
700	3.45	.097	3.64	3.33	12
800	3.26	.074	3.40	3.16	12
900	3.08	.056	3.18	3.00	12
1000	2.92	.047	2.99	2.85	12
1200	2.62	.057	2.76	2.54	12
1500	2.29	.106	2.47	2.21	5
2000	1.82	n/a	n/a	n/a	1
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0
3500	n/a	n/a	n/a	n/a	0

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
267.5	9.51	276.9	248.7	13
267.3	9.79	276.9	248.7	13
267.2	9.67	276.6	248.8	13
266.7	9.32	275.6	248.8	13
265.4	8.58	276.1	248.8	13
249.9	16.00	269.9	214.9	13
212.5	15.31	246.4	186.5	13
180.0	16.97	203.4	155.5	13
150.9	10.52	175.2	138.7	13
138.0	5.99	151.8	131.1	13
132.1	4.09	138.8	125.9	13
128.3	3.57	133.6	122.4	13
124.7	3.15	130.0	119.8	13
118.5	3.66	125.0	113.8	13
107.4	2.72	112.9	104.6	13
98.3	2.76	103.7	95.9	12
90.3	2.57	95.1	86.9	12
83.5	2.45	88.0	80.1	12
77.8	2.10	82.2	75.6	12
72.5	1.76	76.0	70.2	12
68.1	1.46	70.7	66.5	12
60.4	1.72	64.1	58.4	12
53.6	2.75	57.6	50.2	5
44.6	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

STATION MP20 D E C E M B E R 1956 to 1990

DELTA D

PRESS	MEAN	S.D.	MAX	MIN	N
0	.000	.0000	.000	.000	13
10	.268	.0107	.280	.250	13
20	.535	.0176	.550	.500	13
30	.804	.0281	.830	.750	13
50	1.338	.0463	1.380	1.250	13
75	2.002	.0615	2.060	1.870	13
100	2.579	.0702	2.680	2.410	13
125	3.073	.0830	3.210	2.900	13
150	3.488	.1101	3.680	3.300	13
175	3.852	.1238	4.070	3.660	13
200	4.194	.1336	4.440	3.990	13
225	4.525	.1418	4.780	4.320	13
250	4.848	.1459	5.100	4.640	13
300	5.469	.1574	5.750	5.250	13
400	6.635	.1799	6.980	6.410	13
500	7.681	.1868	8.100	7.460	13
600	8.671	.2104	9.150	8.430	12
700	9.593	.2314	10.120	9.330	12
800	10.458	.2530	11.040	10.170	12
900	11.275	.2663	11.890	10.970	12
1000	12.047	.2805	12.700	11.720	12
1200	13.479	.3025	14.170	13.120	12
1500	15.446	.3215	15.910	15.020	5
2000	18.840	n/a	n/a	n/a	1
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0
3500	n/a	n/a	n/a	n/a	0

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.00	.000	.00	.00	13
.01	.000	.01	.01	13
.06	.005	.06	.05	13
.12	.008	.13	.11	13
.34	.011	.35	.32	13
.77	.024	.80	.72	13
1.28	.046	1.35	1.19	13
1.84	.074	1.96	1.71	13
2.42	.117	2.61	2.25	13
3.03	.143	3.28	2.84	13
3.68	.165	3.98	3.49	13
4.40	.183	4.71	4.20	13
5.18	.198	5.51	4.95	13
6.92	.238	7.32	6.63	13
11.07	.331	11.68	10.65	13
15.94	.440	16.84	15.46	13
21.49	.578	22.69	20.86	12
27.60	.748	29.14	26.72	12
34.21	.922	36.15	33.13	12
41.28	1.077	43.57	40.00	12
48.74	1.206	51.33	47.28	12
64.77	1.484	67.79	62.94	12
92.13	2.321	94.89	89.23	5
147.06	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

OXYGEN

PRESS	MEAN	S.D.	MAX	MIN	N
0	n/a	n/a	n/a	n/a	0
10	n/a	n/a	n/a	n/a	0
20	n/a	n/a	n/a	n/a	0
30	n/a	n/a	n/a	n/a	0
50	n/a	n/a	n/a	n/a	0
75	n/a	n/a	n/a	n/a	0
100	n/a	n/a	n/a	n/a	0
125	n/a	n/a	n/a	n/a	0
150	n/a	n/a	n/a	n/a	0
175	n/a	n/a	n/a	n/a	0
200	n/a	n/a	n/a	n/a	0
225	n/a	n/a	n/a	n/a	0
250	n/a	n/a	n/a	n/a	0
300	n/a	n/a	n/a	n/a	0
400	n/a	n/a	n/a	n/a	0
500	n/a	n/a	n/a	n/a	0
600	n/a	n/a	n/a	n/a	0
700	n/a	n/a	n/a	n/a	0
800	n/a	n/a	n/a	n/a	0
900	n/a	n/a	n/a	n/a	0
1000	n/a	n/a	n/a	n/a	0
1200	n/a	n/a	n/a	n/a	0
1500	n/a	n/a	n/a	n/a	0
2000	n/a	n/a	n/a	n/a	0
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0
3500	n/a	n/a	n/a	n/a	0

SOUND

MEAN	S.D.	MAX	MIN	N
1481	2.5	1485	1478	13
1481	2.6	1485	1478	13
1481	2.5	1485	1478	13
1481	2.4	1485	1478	13
1482	2.3	1486	1479	13
1480	2.4	1486	1476	13
1474	2.3	1479	1471	13
1472	1.9	1475	1469	13
1474	1.5	1476	1472	13
1474	1.6	1477	1472	13
1474	1.5	1477	1472	13
1473	1.8	1477	1471	13
1473	1.6	1476	1470	13
1472	1.6	1476	1469	13
1472	.9	1474	1471	13
1473	.5	1474	1473	13
1474	.5	1475	1474	13
1475	.4	1476	1475	13
1476	.4	1477	1476	13
1477	.0	1477	1477	13
1478	.0	1478	1478	13
1480	.3	1481	1480	13
1484	.4	1485	1484	5
1491	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

DELTA DH

PRESS	MEAN	S.D.	MAX	MIN	N
0	12.046	.2809	12.697	11.718	12
10	11.778	.2820	12.425	11.451	12
20	11.511	.2834	12.154	11.185	12
30	11.243	.2850	11.882	10.919	12
50	10.710	.2891	11.341	10.389	12
75	10.049	.2925	10.663	9.707	12
100	9.474	.2555	10.021	9.120	12
125	8.981	.2394	9.482	8.669	12
150	8.572	.2157	9.019	8.299	12
175	8.213	.2060	8.637	7.957	12
200	7.873	.1981	8.283	7.631	12
225	7.542	.1900	7.938	7.315	12
250	7.220	.1828	7.601	7.006	12
300	6.598	.1672	6.946	6.407	12
400	5.435	.1378	5.720	5.280	12
500	4.365	.1112	4.594	4.231	12
600	3.375	.0852	3.551	3.268	12
700	2.452	.0584	2.576	2.383	12
800	1.586	.0355	1.659	1.545	12
900	.771	.0164	.802	.752	12
1000	.000	.0000	.000	.000	12
1200	-1.431	.0315	-1.398	-1.488	12
1500	-3.410	.1207	-3.262	-3.571	5
2000	-6.416	n/a	n/a	n/a	1
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0
3500	n/a	n/a	n/a	n/a	0

Table 18. As in Table 6, for Station 10 (P20).

Table 18: STATION MP20 A L L D A T A (JANUARY-DECEMBER) 1956 to 1990

SIGMA -T.	TEMPERATURE MEAN	S.D.	MAX	MIN	N	SALINITY MEAN	S.D.	MAX	MIN	N
24.20	14.05	.280	14.51	13.60	18	32.432	.0723	32.534	32.297	18
24.40	13.15	.307	13.73	12.62	28	32.471	.0740	32.585	32.300	28
24.60	12.29	.413	13.48	11.57	40	32.517	.0956	32.793	32.313	40
24.80	11.30	.405	12.52	10.58	48	32.536	.0929	32.797	32.348	48
25.00	10.26	.414	11.44	9.55	56	32.556	.0908	32.820	32.408	56
25.20	9.18	.418	10.57	8.38	68	32.578	.0875	32.873	32.417	68
25.40	8.07	.481	9.70	7.27	97	32.607	.0922	32.922	32.450	97
25.60	6.94	.417	8.64	6.25	139	32.655	.0726	32.960	32.535	139
25.80	6.04	.455	7.30	5.18	166	32.762	.0733	32.966	32.627	166
26.00	5.67	.497	6.71	4.47	167	32.959	.0772	33.122	32.782	167
26.20	5.59	.445	6.57	4.48	167	33.201	.0691	33.377	33.040	167
26.40	5.57	.413	6.72	4.61	167	33.448	.0634	33.630	33.312	167
26.60	5.51	.430	6.44	4.52	167	33.692	.0650	33.838	33.547	167
26.80	4.81	.297	5.49	3.97	167	33.841	.0416	33.940	33.727	167
27.00	4.08	.127	4.35	3.66	153	33.994	.0162	34.032	33.944	153
27.10	3.87	.083	4.03	3.66	141	34.092	.0110	34.112	34.067	141
27.20	3.62	.064	3.78	3.45	137	34.187	.0082	34.210	34.166	137
27.30	3.33	.061	3.54	3.16	137	34.278	.0072	34.303	34.257	137
27.40	3.00	.055	3.22	2.85	138	34.364	.0063	34.389	34.347	138
27.50	2.62	.060	2.85	2.45	129	34.448	.0066	34.474	34.430	129
27.60	2.20	.072	2.45	2.09	22	34.532	.0077	34.556	34.521	22
27.70	1.75	.081	1.83	1.56	8	34.611	.0073	34.618	34.593	8
27.75	1.57	.029	1.61	1.54	6	34.655	.0057	34.659	34.653	6
27.76	1.54	.017	1.57	1.53	5	34.665	.0000	34.668	34.663	5

SIGMA -T.	DEPTH MEAN	S.D.	MAX	MIN	N	SVA MEAN	S.D.	MAX	MIN	N
24.20	21	9.5	33	4	18	373.3	.21	373.6	373.0	18
24.40	26	7.3	40	13	28	354.3	.20	354.8	353.9	28
24.60	29	7.5	46	16	40	335.2	.19	335.7	334.7	40
24.80	31	9.2	51	6	48	316.5	.22	316.7	315.5	48
25.00	35	10.4	57	4	56	297.5	.25	297.6	296.6	56
25.20	40	11.7	66	13	68	278.3	.21	278.6	277.7	68
25.40	50	17.3	90	13	97	259.3	.25	260.1	258.8	97
25.60	67	22.6	108	3	139	240.4	.28	241.1	239.6	139
25.80	91	19.8	126	1	166	221.6	.23	222.1	220.6	166
26.00	111	11.3	137	74	167	202.8	.14	203.1	202.4	167
26.20	123	11.3	145	88	167	183.9	.12	184.2	183.6	167
26.40	135	12.4	164	100	167	165.1	.14	165.5	164.8	167
26.60	156	13.5	188	120	167	146.4	.19	146.8	145.9	167
26.80	236	21.1	295	170	167	128.0	.29	129.0	127.2	167
27.00	398	27.3	468	308	153	110.1	.29	110.8	109.3	153
27.10	502	28.1	576	409	141	101.4	.27	102.0	100.5	141
27.20	626	33.3	711	528	137	92.6	.25	93.3	91.8	137
27.30	778	36.4	881	664	137	83.9	.22	84.4	83.2	137
27.40	974	39.3	1077	851	138	75.2	.19	75.7	74.6	138
27.50	1245	56.9	1443	1090	129	66.4	.22	67.5	66.0	129
27.60	1660	98.0	1830	1389	22	58.0	.29	58.6	57.4	22
27.70	2441	269.2	3079	2214	8	49.5	.31	50.2	49.2	8
27.75	3222	182.8	3387	2884	6	46.2	.42	46.6	45.4	6
27.76	3495	220.5	3759	3163	5	45.8	.44	46.3	45.2	5

SIGMA -T.	THETA MEAN	S.D.	MAX	MIN	N	SVA (THETA) MEAN	S.D.	MAX	MIN	N
24.20	14.05	.280	14.50	13.59	18	371.1	1.54	372.7	366.7	18
24.40	13.15	.308	13.73	12.62	28	351.0	2.93	353.7	344.0	28
24.60	12.28	.413	13.48	11.57	40	331.7	3.12	334.7	322.0	40
24.80	11.30	.404	12.51	10.58	48	313.0	3.09	315.7	302.4	48
25.00	10.26	.415	11.44	9.55	56	294.3	2.63	296.6	284.9	56
25.20	9.18	.417	10.56	8.38	68	275.9	1.82	277.6	269.1	68
25.40	8.06	.481	9.69	7.27	97	257.7	1.11	258.5	252.9	97
25.60	6.94	.418	8.64	6.24	139	239.1	.57	239.6	236.7	139
25.80	6.03	.455	7.29	5.17	166	220.2	.46	220.5	218.2	166
26.00	5.66	.497	6.70	4.46	167	201.1	.46	201.5	199.0	167
26.20	5.58	.445	6.66	4.46	167	182.1	.44	182.5	180.6	167
26.40	5.56	.413	6.70	4.60	167	163.3	.23	163.5	162.2	167
26.60	5.50	.430	6.43	4.51	167	144.4	.09	144.5	144.0	167
26.80	4.79	.296	5.47	3.96	167	125.4	.04	125.5	125.3	167
27.00	4.05	.126	4.32	3.84	153	106.3	.08	106.4	106.0	153
27.10	3.83	.083	3.99	3.63	141	96.8	.05	96.9	96.6	141
27.20	3.58	.064	3.74	3.40	137	87.2	.06	87.4	87.1	137
27.30	3.28	.062	3.49	3.09	137	77.7	.03	77.8	77.6	137
27.40	2.93	.056	3.15	2.78	138	68.2	.06	68.3	68.0	138
27.50	2.53	.063	2.77	2.36	129	58.5	.09	58.6	58.3	129
27.60	2.09	.078	2.35	1.97	22	48.7	.13	49.0	48.5	22
27.70	1.58	.103	1.67	1.33	8	39.0	.14	39.1	38.7	8
27.75	1.32	.049	1.40	1.27	6	33.9	.11	34.1	33.8	6
27.76	1.27	.037	1.33	1.24	5	32.8	.16	33.0	32.6	5

STATION MP20 A L L D A T A (JANUARY-DECEMBER) 1956 to 1990

SIGMA -T.	DELTA D MEAN	S.D.	MAX	MIN	N	POT. ENERGY MEAN	S.D.	MAX	MIN	N
24.20	.794	.3725	1.300	.140	18	.10	.074	.22	.00	18
24.40	.992	.2719	1.460	.510	28	.14	.074	.30	.03	28
24.60	1.039	.2854	1.660	.600	40	.16	.084	.39	.05	40
24.80	1.116	.3373	1.710	.180	48	.19	.102	.43	.01	48
25.00	1.211	.3692	1.840	.130	56	.23	.120	.54	.00	56
25.20	1.307	.4093	2.030	.360	68	.28	.153	.67	.02	68
25.40	1.519	.5144	2.460	.350	97	.42	.254	1.13	.02	97
25.60	1.867	.6265	3.110	.080	139	.69	.384	1.51	.00	139
25.80	2.376	.5473	3.520	.030	166	1.11	.388	1.99	.00	166
26.00	2.809	.3462	3.690	1.760	167	1.53	.302	2.30	.66	167
26.20	3.040	.3321	3.890	2.020	167	1.81	.316	2.54	.88	167
26.40	3.247	.3460	4.100	2.230	167	2.09	.362	2.94	1.08	167
26.60	3.573	.3584	4.480	2.540	167	2.58	.427	3.62	1.42	167
26.80	4.662	.4365	5.740	3.290	167	4.78	.771	7.19	2.56	167
27.00	6.588	.5019	7.790	4.910	153	11.03	1.448	15.31	6.53	153
27.10	7.702	.5183	8.950	5.980	141	16.20	1.808	21.52	10.44	141
27.20	8.911	.5614	10.240	7.130	137	23.21	2.472	30.03	16.00	137
27.30	10.263	.5868	11.670	8.330	137	32.95	3.153	41.53	23.32	137
27.40	11.844	.5980	13.220	9.620	138	47.19	3.942	57.71	34.89	138
27.50	13.772	.6877	15.370	11.670	129	69.31	6.281	89.71	52.95	129
27.60	16.599	1.0593	18.100	13.980	22	108.97	12.704	131.89	76.65	22
27.70	20.711	1.7947	24.240	18.270	8	198.55	38.807	288.48	165.82	8
27.75	24.323	1.3936	25.770	22.070	6	307.29	31.646	339.41	249.68	6
27.76	25.860	1.5228	27.500	23.360	5	353.75	41.715	403.44	290.05	5

SIGMA -T.	DELTA DH MEAN	S.D.	MAX	MIN	N	ACC. POT. MEAN	S.D.	MAX	MIN	N
24.20	11.531	.4580	12.468	11.013	14	12.383	.1779	12.688	12.112	14
24.40	11.304	.2398	11.946	10.916	22	12.334	.2062	12.859	11.966	22
24.60	11.220	.2107	11.758	10.816	31	12.234	.2128	12.758	11.908	31
24.80	11.142	.2609	11.888	10.723	38	12.180	.1932	12.668	11.765	38
25.00	10.987	.2565	11.554	10.326	43	12.105	.1865	12.576	11.708	43
25.20	10.868	.3360	11.920	10.102	54	12.024	.2036	12.481	11.340	54
25.40	10.555	.4309	12.003	9.643	78	11.921	.2150	12.596	11.286	78
25.60	10.126	.4935	11.676	9.223	116	11.786	.2334	12.420	10.840	116
25.80	9.589	.4191	12.088	8.863	137	11.621	.2366	12.240	10.796	137
26.00	9.176	.2170	9.806	8.628	137	11.419	.2154	12.021	10.669	137
26.20	8.955	.2264	9.525	8.339	137	11.200	.2067	11.771	10.473	137
26.40	8.735	.2315	9.341	8.160	137	10.960	.1996	11.501	10.252	137
26.60	8.430	.2093	8.917	7.932	137	10.695	.1931	11.206	10.005	137
26.80	7.303	.1757	7.779	6.915	137	10.353	.1742	10.815	9.729	137
27.00	5.354	.1970	5.926	4.903	137	9.789	.1356	10.129	9.322	137
27.10	4.253	.1974	4.900	3.745	137	9.392	.1123	9.667	9.010	137
27.20	3.049	.2430	3.735	2.440	137	8.896	.0871	9.109	8.601	137
27.30	1.698	.2701	2.510	.883	137	8.280	.0551	8.400	8.089	137
27.40	.118	.2962	1.022	-0.578	138	7.512	.0218	7.559	7.428	138
27.50	-1.817	.4240	-0.690	-3.297	129	6.544	.0253	6.625	6.455	129
27.60	-4.443	.7113	-2.551	-5.729	22	5.296	.1014	5.514	5.097	22
27.70	-8.651	1.4133	-7.340	-11.845	8	3.602	.2392	3.916	3.175	8
27.75	-12.398	1.0275	-10.528	-13.367	6	2.715	.3240	3.256	2.278	6
27.76	-13.715	1.2167	-11.819	-15.097	5	2.546	.1658	2.692	2.271	5

SIGMA -T.	OXYGEN MEAN	S.D.	MAX	MIN	N	SOUND MEAN	S.D.	MAX	MIN	N
24.20	6.28	.197	6.46	6.07	3	1502	1.0	1503	1500	18
24.40	6.42	.345	6.76	6.07	3	1499	1.2	1501	1497	28
24.60	6.53	.370	7.02	6.12	4	1496	1.5	1500	1493	40
24.80	6.64	.296	7.08	6.33	5	1492	1.5	1497	1490	48
25.00	6.72	.187	6.94	6.54	5	1489	1.6	1493	1486	56
25.20	6.71	.236	7.11	6.30	7	1485	1.6	1490	1482	68
25.40	6.77	.349	7.25	6.05	8	1481	1.8	1487	1478	97
25.60	6.74	.423	7.16	5.84	9	1477	1.7	1483	1474	139
25.80	6.62	.438	7.32	5.79	12	1474	2.0	1479	1470	166
26.00	5.98	.844	6.76	3.55	12	1473	2.1	1477	1468	167
26.20	5.58	.582	6.34	4.18	12	1473	1.8	1478	1469	167
26.40	5.23	.424	6.00	4.46	12	1473	1.7	1478	1470	167
26.60	4.59	.368	5.10	3.88	12	1474	1.8	1478	1470	167
26.80	3.03	.278	3.53	2.58	12	1473	1.4	1476	1469	167
27.00	1.50	.194	1.84	1.25	12	1472	.8	1474	1470	153
27.10	1.04	.167	1.32	.75	12	1473	.7	1475	1471	141
27.20	.77	.135	1.06	.59	11	1474	.7	1476	1472	137
27.30	.59	.100	.78	.41	11	1476	.5	1477	1474	137
27.40	.53	.156	.95	.34	11	1478	.6	1479	1476	138
27.50	.62	.223	1.22	.46	10	1481	.8	1484	1479	129
27.60	1.04	.188	1.49	.83	9	1486	1.3	1489	1483	22
27.70	1.88	.271	2.39	1.59	6	1498	4.4	1508	1494	8
27.75	2.70	.186	2.85	2.40	5	1510	2.9	1513	1505	6
27.76	2.86	.162	2.99	2.59	5	1515	4.1	1520	1509	5

Table 19. As in Table 7, for Station 10 (P20).

Table 19 STATION MP20 J A N U A R Y 1956 to 1990

TEMPERATURE

SIGMA -T	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	7.64	.232	7.90	7.46	3
25.60	6.81	.352	7.34	6.25	14
25.80	6.24	.451	6.72	5.37	14
26.00	5.74	.534	6.55	4.72	14
26.20	5.57	.447	6.38	4.83	14
26.40	5.53	.327	6.22	5.18	14
26.60	5.51	.268	6.04	5.06	14
26.80	4.88	.288	5.36	4.27	14
27.00	4.07	.143	4.23	3.77	14
27.10	3.86	.094	3.95	3.68	13
27.20	3.63	.072	3.74	3.53	13
27.30	3.36	.049	3.46	3.28	13
27.40	3.03	.042	3.10	2.96	13
27.50	2.65	.050	2.72	2.56	10
27.60	n/a	n/a	n/a	n/a	0
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

SALINITY

SIGMA -T	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	n/a	n/a	n/a	n/a	0
25.60	32.518	.0407	32.564	32.490	3
25.80	32.631	.0594	32.720	32.535	14
26.00	32.796	.0742	32.883	32.654	14
26.20	32.972	.0877	33.113	32.816	14
26.40	33.199	.0737	33.341	33.084	14
26.60	33.443	.0527	33.557	33.387	14
26.80	33.691	.0411	33.771	33.622	14
27.00	33.850	.0406	33.920	33.766	14
27.10	33.992	.0184	34.013	33.953	14
27.20	34.090	.0122	34.103	34.069	13
27.30	34.189	.0088	34.201	34.175	13
27.40	34.281	.0065	34.293	34.271	13
27.50	34.367	.0044	34.376	34.360	13
27.60	34.451	.0062	34.459	34.441	10
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

DEPTH

SIGMA -T	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	55	36.2	78	13	3
25.60	93	8.6	108	81	14
25.80	101	8.9	116	87	14
26.00	113	9.6	128	96	14
26.20	124	11.0	141	109	14
26.40	135	12.5	151	117	14
26.60	154	13.3	174	132	14
26.80	229	23.0	263	180	14
27.00	393	55.1	441	329	14
27.10	495	56.5	549	438	13
27.20	618	50.6	683	565	13
27.30	764	37.1	814	706	13
27.40	956	35.1	993	896	13
27.50	1216	33.7	1279	1170	10
27.60	n/a	n/a	n/a	n/a	0
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

SVA

SIGMA -T	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	259.4	.49	259.7	258.8	3
25.60	240.8	.14	241.1	240.6	14
25.80	221.7	.13	222.0	221.5	14
26.00	202.8	.13	203.0	202.6	14
26.20	183.9	.12	184.2	183.7	14
26.40	165.1	.14	165.4	164.9	14
26.60	146.4	.16	146.7	146.2	14
26.80	128.0	.23	128.4	127.6	14
27.00	110.1	.21	110.6	109.7	14
27.10	101.3	.23	101.8	100.9	13
27.20	92.6	.22	93.1	92.2	13
27.30	83.9	.15	84.1	83.6	13
27.40	75.1	.10	75.3	74.9	13
27.50	66.4	.13	66.5	66.1	10
27.60	n/a	n/a	n/a	n/a	0
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

THETA

SIGMA -T	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	7.63	.238	7.90	7.45	3
25.60	6.80	.351	7.33	6.24	14
25.80	6.24	.453	6.72	5.36	14
26.00	5.73	.532	6.54	4.71	14
26.20	5.56	.446	6.37	4.82	14
26.40	5.52	.327	6.21	5.17	14
26.60	5.50	.268	6.03	5.05	14
26.80	4.86	.290	5.34	4.25	14
27.00	4.04	.142	4.21	3.74	14
27.10	3.82	.095	3.92	3.65	13
27.20	3.59	.073	3.70	3.49	13
27.30	3.31	.050	3.41	3.23	13
27.40	2.96	.045	3.04	2.89	13
27.50	2.56	.051	2.64	2.47	10
27.60	n/a	n/a	n/a	n/a	0
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

SVA (THETA)

SIGMA -T	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	258.3	.29	258.5	258.0	3
25.60	239.2	.44	239.5	238.1	14
25.80	220.0	.52	220.5	219.6	14
26.00	201.0	.76	201.5	199.0	14
26.20	181.9	.56	182.4	180.6	14
26.40	163.2	.34	163.5	162.4	14
26.60	144.4	.04	144.5	144.3	14
26.80	125.4	.02	125.5	125.4	14
27.00	106.4	.04	106.4	106.3	14
27.10	96.8	.02	96.8	96.7	13
27.20	87.3	.05	87.3	87.2	13
27.30	77.7	.03	77.8	77.5	13
27.40	68.2	.05	68.2	68.1	13
27.50	58.6	.00	58.6	58.6	10
27.60	n/a	n/a	n/a	n/a	0
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

STATION MP28 J A N U A R Y 1956 to 1990

DELTA D

SIGMA -T	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	1.450	.9560	2.080	.350	3
25.60	2.364	.2141	2.730	2.070	14
25.80	2.551	.2206	2.900	2.180	14
26.00	2.794	.2281	3.140	2.360	14
26.20	3.013	.2474	3.380	2.620	14
26.40	3.208	.2665	3.570	2.830	14
26.60	3.510	.2750	3.910	3.060	14
26.80	4.535	.3918	5.130	3.660	14
27.00	6.493	.4734	7.270	5.420	14
27.10	7.564	.4334	8.410	6.580	13
27.20	8.768	.4669	9.730	7.820	13
27.30	10.072	.4287	10.920	9.070	13
27.40	11.613	.3874	12.370	10.590	13
27.50	13.479	.4050	14.010	12.550	10
27.60	n/a	n/a	n/a	n/a	0
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

POT. ENERGY

SIGMA -T	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	[illegible]	.441	[illegible]	[illegible]	3
25.60	1.133	.205	1.351	[illegible]	14
25.80	1.352	.220	1.700	[illegible]	14
26.00	1.559	.257	2.02	1.14	14
26.20	1.85	.308	2.31	1.41	14
26.40	2.11	.358	2.59	1.65	14
26.60	2.57	.407	3.18	1.94	14
26.80	4.50	.831	5.91	2.93	14
27.00	10.83	1.367	13.50	7.50	14
27.10	15.33	1.336	19.33	12.04	13
27.20	22.65	2.330	27.68	18.42	13
27.30	31.89	2.470	36.78	26.61	13
27.40	45.48	2.589	50.26	39.13	13
27.50	66.23	3.489	71.53	59.86	10
27.60	n/a	n/a	n/a	n/a	0
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

DELTA DH

SIGMA -T	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	10.553	1.2559	12.003	9.805	3
25.60	9.519	.1552	9.688	9.223	13
25.80	9.342	.1523	9.546	9.113	13
26.00	9.099	.1654	9.370	8.776	13
26.20	8.876	.1621	9.124	8.590	13
26.40	8.676	.1820	9.028	8.414	13
26.60	8.365	.1800	8.799	8.141	13
26.80	7.358	.2097	7.629	6.966	13
27.00	5.386	.1959	5.868	5.082	13
27.10	4.304	.1938	4.713	3.934	13
27.20	3.099	.2341	3.474	2.614	13
27.30	1.793	.2026	2.219	1.430	13
27.40	.255	.1656	.598	-0.021	13
27.50	-1.602	.2473	-1.256	-2.068	10
27.60	n/a	n/a	n/a	n/a	0
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

ACC POT.

SIGMA -T	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	11.981	.3283	12.344	11.705	3
25.60	11.750	.3395	12.207	11.216	13
25.80	11.567	.3268	11.995	11.053	13
26.00	11.365	.3147	11.772	10.864	13
26.20	11.144	.3024	11.524	10.689	13
26.40	10.902	.2888	11.282	10.470	13
26.60	10.635	.2751	10.959	10.225	13
26.80	10.296	.1532	10.608	9.941	13
27.00	9.747	.1132	9.999	9.506	13
27.10	9.356	.0911	9.564	9.173	13
27.20	8.872	.0685	9.026	8.736	13
27.30	8.263	.0379	8.343	8.178	13
27.40	7.508	.0125	7.527	7.478	13
27.50	6.551	.0196	6.579	6.516	10
27.60	n/a	n/a	n/a	n/a	0
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

OXYGEN

SIGMA -T	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	n/a	n/a	n/a	n/a	0
25.60	n/a	n/a	n/a	n/a	0
25.80	n/a	n/a	n/a	n/a	0
26.00	n/a	n/a	n/a	n/a	0
26.20	n/a	n/a	n/a	n/a	0
26.40	n/a	n/a	n/a	n/a	0
26.60	n/a	n/a	n/a	n/a	0
26.80	n/a	n/a	n/a	n/a	0
27.00	n/a	n/a	n/a	n/a	0
27.10	n/a	n/a	n/a	n/a	0
27.20	n/a	n/a	n/a	n/a	0
27.30	n/a	n/a	n/a	n/a	0
27.40	n/a	n/a	n/a	n/a	0
27.50	n/a	n/a	n/a	n/a	0
27.60	n/a	n/a	n/a	n/a	0
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

SOUND

SIGMA -T	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	1479	[illegible]	1480	1479	3
25.60	1477	.6	1479	1474	14
25.80	1475	2.0	1477	1471	14
26.00	1473	2.3	1477	1469	14
26.20	1473	1.8	1476	1470	14
26.40	1473	1.3	1476	1472	14
26.60	1474	1.3	1476	1472	14
26.80	1473	1.5	1475	1471	14
27.00	1472	.5	1473	1471	14
27.10	1473	.6	1474	1472	13
27.20	1474	.8	1476	1473	13
27.30	1476	.4	1476	1475	13
27.40	1478	.4	1478	1477	13
27.50	1481	.5	1481	1480	10
27.60	n/a	n/a	n/a	n/a	0
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

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TEMPERATURE

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	n/a	n/a	n/a	n/a	0
25.60	6.84	.147	7.00	6.71	4
25.80	5.96	.486	6.58	5.21	14
26.00	5.84	.301	6.25	5.36	12
26.20	5.71	.259	6.05	5.24	12
26.40	5.60	.273	5.95	5.10	12
26.60	5.53	.347	5.93	4.88	12
26.80	4.88	.200	5.11	4.49	12
27.00	4.09	.113	4.31	3.91	12
27.10	3.85	.092	3.92	3.66	12
27.20	3.62	.069	3.77	3.49	12
27.30	3.35	.059	3.49	3.25	12
27.40	3.01	.039	3.07	2.95	12
27.50	2.63	.049	2.70	2.55	12
27.60	2.23	n/a	n/a	n/a	1
27.70	1.83	n/a	n/a	n/a	1
27.75	1.61	n/a	n/a	n/a	1
27.76	1.57	n/a	n/a	n/a	1

SALINITY

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	n/a	n/a	n/a	n/a	0
25.60	32.633	.0252	32.650	32.610	4
25.80	32.748	.0779	32.845	32.631	14
26.00	32.982	.0468	33.044	32.908	12
26.20	33.217	.0406	33.266	33.149	12
26.40	33.451	.0418	33.504	33.375	12
26.60	33.694	.0516	33.754	33.601	12
26.80	33.850	.0288	33.883	33.794	12
27.00	33.994	.0145	34.023	33.970	12
27.10	34.089	.0108	34.098	34.067	12
27.20	34.188	.0084	34.206	34.172	12
27.30	34.279	.0071	34.297	34.267	12
27.40	34.366	.0000	34.373	34.360	12
27.50	34.449	.0044	34.456	34.440	12
27.60	34.534	n/a	n/a	n/a	1
27.70	34.618	n/a	n/a	n/a	1
27.75	34.659	n/a	n/a	n/a	1
27.76	34.668	n/a	n/a	n/a	1

DEPTH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	n/a	n/a	n/a	n/a	0
25.60	63	42.3	100	8	4
25.80	83	35.1	122	1	14
26.00	108	17.8	134	74	12
26.20	119	14.4	139	88	12
26.40	131	14.4	153	100	12
26.60	151	15.2	177	120	12
26.80	230	22.5	278	195	12
27.00	395	26.1	446	352	12
27.10	500	26.2	545	456	12
27.20	620	29.3	672	561	12
27.30	768	33.1	832	698	12
27.40	970	35.1	1043	892	12
27.50	1243	53.1	1357	1143	12
27.60	1615	n/a	n/a	n/a	1
27.70	2214	n/a	n/a	n/a	1
27.75	2884	n/a	n/a	n/a	1
27.76	3163	n/a	n/a	n/a	1

SVA

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	n/a	n/a	n/a	n/a	0
25.60	240.4	.56	240.9	239.7	4
25.80	221.5	.37	221.8	220.6	14
26.00	202.8	.13	202.9	202.5	12
26.20	183.9	.13	184.0	183.6	12
26.40	165.1	.14	165.3	164.8	12
26.60	146.3	.18	146.7	146.0	12
26.80	128.0	.25	128.5	127.7	12
27.00	110.1	.27	110.7	109.8	12
27.10	101.3	.21	101.8	101.1	12
27.20	92.6	.22	93.0	92.2	12
27.30	83.9	.22	84.2	83.4	12
27.40	75.2	.18	75.5	74.8	12
27.50	66.5	.20	66.9	66.1	12
27.60	57.8	n/a	n/a	n/a	1
27.70	49.2	n/a	n/a	n/a	1
27.75	45.4	n/a	n/a	n/a	1
27.76	45.2	n/a	n/a	n/a	1

THETA

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	n/a	n/a	n/a	n/a	0
25.60	6.83	.146	6.99	6.71	4
25.80	5.95	.487	6.58	5.20	14
26.00	5.83	.302	6.24	5.35	12
26.20	5.70	.260	6.04	5.23	12
26.40	5.59	.273	5.93	5.09	12
26.60	5.51	.347	5.92	4.87	12
26.80	4.86	.201	5.09	4.47	12
27.00	4.06	.113	4.28	3.88	12
27.10	3.81	.090	3.88	3.63	12
27.20	3.58	.070	3.73	3.45	12
27.30	3.29	.060	3.43	3.19	12
27.40	2.94	.039	3.00	2.88	12
27.50	2.54	.054	2.62	2.45	12
27.60	2.12	n/a	n/a	n/a	1
27.70	1.67	n/a	n/a	n/a	1
27.75	1.40	n/a	n/a	n/a	1
27.76	1.33	n/a	n/a	n/a	1

SVA (THETA)

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	n/a	n/a	n/a	n/a	0
25.60	239.4	.15	239.6	239.3	4
25.80	220.2	.35	220.5	219.3	14
26.00	201.2	.23	201.5	200.8	12
26.20	182.1	.43	182.5	181.0	12
26.40	163.3	.13	163.5	163.0	12
26.60	144.3	.07	144.4	144.2	12
26.80	125.4	.04	125.5	125.4	12
27.00	106.4	.06	106.4	106.2	12
27.10	96.8	.02	96.9	96.8	12
27.20	87.3	.07	87.3	87.1	12
27.30	77.7	.04	77.8	77.7	12
27.40	68.2	.07	68.2	68.0	12
27.50	58.5	.09	58.6	58.3	12
27.60	48.7	n/a	n/a	n/a	1
27.70	39.1	n/a	n/a	n/a	1
27.75	34.1	n/a	n/a	n/a	1
27.76	33.0	n/a	n/a	n/a	1

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DELTA D

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	n/a	n/a	n/a	n/a	0
25.60	1.548	1.0446	2.460	.200	4
25.80	1.941	.8147	2.820	.030	14
26.00	2.516	.3816	2.970	1.760	12
26.20	2.717	.3180	3.080	2.020	12
26.40	2.921	.3069	3.310	2.230	12
26.60	3.232	.3183	3.680	2.540	12
26.80	4.308	.4165	5.070	3.570	12
27.00	6.279	.4446	7.080	5.600	12
27.10	7.405	.4380	8.140	6.720	12
27.20	8.575	.4732	9.400	7.740	12
27.30	9.900	.4773	10.830	8.950	12
27.40	11.515	.5002	12.530	10.500	12
27.50	13.466	.6081	14.780	12.290	12
27.60	15.670	n/a	n/a	n/a	1
27.70	18.880	n/a	n/a	n/a	1
27.75	22.070	n/a	n/a	n/a	1
27.76	23.360	n/a	n/a	n/a	1

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
.67	.596	1.26	.01	4
.96	.543	1.76	.00	14
1.42	.421	2.03	.66	12
1.64	.382	2.19	.88	12
1.90	.407	2.54	1.08	12
2.36	.476	3.16	1.42	12
4.46	.886	6.37	3.07	12
10.75	1.482	13.83	8.48	12
15.94	1.762	19.22	13.14	12
22.66	2.281	27.06	18.46	12
32.11	2.872	38.09	26.30	12
46.52	3.624	54.47	38.90	12
68.75	5.953	82.19	57.64	12
102.59	n/a	n/a	n/a	1
165.82	n/a	n/a	n/a	1
249.68	n/a	n/a	n/a	1
290.05	n/a	n/a	n/a	1

DELTA DH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	n/a	n/a	n/a	n/a	0
25.60	10.071	.7354	11.129	9.477	4
25.80	9.793	.9316	12.088	8.863	14
26.00	9.153	.2241	9.563	8.731	12
26.20	8.952	.1763	9.302	8.641	12
26.40	8.749	.1736	9.096	8.496	12
26.60	8.436	.1724	8.787	8.210	12
26.80	7.361	.1820	7.759	7.052	12
27.00	5.391	.1891	5.632	5.034	12
27.10	4.263	.1891	4.632	3.974	12
27.20	3.095	.2146	3.491	2.720	12
27.30	1.770	.2446	2.277	1.292	12
27.40	.156	.2645	.733	-0.408	12
27.50	-1.795	.3947	-1.060	-2.656	12
27.60	-4.128	n/a	n/a	n/a	1
27.70	-7.340	n/a	n/a	n/a	1
27.75	-10.528	n/a	n/a	n/a	1
27.76	-11.819	n/a	n/a	n/a	1

ACC. POT.

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
11.595	.3701	11.926	11.228	4
11.642	.3228	12.122	11.099	14
11.368	.2447	11.880	10.948	12
11.152	.2217	11.622	10.767	12
10.916	.2022	11.347	10.562	12
10.655	.1842	11.044	10.328	12
10.323	.1584	10.645	10.032	12
9.770	.1202	10.003	9.520	12
9.375	.0999	9.565	9.163	12
8.881	.0778	9.025	8.703	12
8.373	.0520	8.365	8.152	12
7.514	.0205	7.544	7.465	12
6.549	.0178	6.567	6.519	12
5.320	n/a	n/a	n/a	1
3.701	n/a	n/a	n/a	1
2.747	n/a	n/a	n/a	1
2.692	n/a	n/a	n/a	1

OXYGEN

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	n/a	n/a	n/a	n/a	0
25.60	n/a	n/a	n/a	n/a	0
25.80	6.76	n/a	n/a	n/a	1
26.00	6.07	n/a	n/a	n/a	1
26.20	5.68	n/a	n/a	n/a	1
26.40	5.46	n/a	n/a	n/a	1
26.60	4.90	n/a	n/a	n/a	1
26.80	3.53	n/a	n/a	n/a	1
27.00	1.84	n/a	n/a	n/a	1
27.10	1.22	n/a	n/a	n/a	1
27.20	.85	n/a	n/a	n/a	1
27.30	.60	n/a	n/a	n/a	1
27.40	.50	n/a	n/a	n/a	1
27.50	.50	n/a	n/a	n/a	1
27.60	.83	n/a	n/a	n/a	1
27.70	1.59	n/a	n/a	n/a	1
27.75	2.40	n/a	n/a	n/a	1
27.76	2.59	n/a	n/a	n/a	1

SOUND

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
1477	1.3	1478	1475	4
1473	2.4	1476	1470	14
1474	1.1	1475	1472	12
1473	1.0	1475	1472	12
1473	1.0	1475	1472	12
1474	1.4	1476	1471	12
1473	1.2	1474	1471	12
1472	.8	1474	1471	12
1473	.5	1474	1473	12
1474	.5	1475	1474	12
1476	.6	1477	1475	12
1478	.5	1479	1477	12
1481	.6	1482	1480	12
1486	n/a	n/a	n/a	1
1494	n/a	n/a	n/a	1
1505	n/a	n/a	n/a	1
1509	n/a	n/a	n/a	1

STATION MP20 M A R C H 1956 to 1990

TEMPERATURE

SIGMA -T	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	n/a	n/a	n/a	n/a	0
25.60	6.79	.337	7.19	6.37	4
25.80	6.16	.418	6.79	5.47	10
26.00	5.98	.437	6.55	5.44	10
26.20	5.86	.383	6.38	5.35	10
26.40	5.81	.416	6.26	5.22	10
26.60	5.70	.475	6.22	4.90	10
26.80	4.84	.348	5.23	4.24	10
27.00	4.10	.103	4.21	3.89	10
27.10	3.93	.048	3.99	3.85	8
27.20	3.68	.069	3.78	3.60	8
27.30	3.35	.068	3.49	3.27	8
27.40	3.01	.056	3.13	2.95	8
27.50	2.63	.058	2.74	2.57	8
27.60	2.19	n/a	n/a	n/a	1
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

SALINITY

SIGMA -T	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	n/a	n/a	n/a	n/a	0
25.60	32.625	.0559	32.693	32.556	4
25.80	32.781	.0657	32.878	32.670	10
26.00	33.010	.0710	33.094	32.918	10
26.20	33.244	.0616	33.319	33.160	10
26.40	33.483	.0636	33.554	33.397	10
26.60	33.720	.0716	33.800	33.601	10
26.80	33.845	.0486	33.900	33.763	10
27.00	33.996	.0135	34.012	33.968	10
27.10	34.100	.0068	34.108	34.090	8
27.20	34.195	.0090	34.210	34.185	8
27.30	34.280	.0081	34.296	34.270	8
27.40	34.366	.0089	34.380	34.359	8
27.50	34.449	.0060	34.460	34.442	8
27.60	34.532	n/a	n/a	n/a	1
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

DEPTH

SIGMA -T	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	n/a	n/a	n/a	n/a	0
25.60	56	30.6	87	16	4
25.80	100	11.3	121	78	10
26.00	111	12.8	131	90	10
26.20	122	13.6	142	103	10
26.40	133	14.5	159	120	10
26.60	157	15.6	188	137	10
26.80	243	25.5	287	206	10
27.00	401	24.2	444	361	10
27.10	499	27.3	550	465	8
27.20	612	33.6	668	566	8
27.30	767	30.5	825	727	8
27.40	958	39.3	1021	901	8
27.50	1229	55.8	1320	1163	8
27.60	1705	n/a	n/a	n/a	1
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

SVA

SIGMA -T	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	n/a	n/a	n/a	n/a	0
25.60	240.3	.36	240.6	239.8	4
25.80	221.7	.14	221.9	221.4	10
26.00	202.8	.17	203.0	202.5	10
26.20	183.9	.15	184.1	183.7	10
26.40	165.2	.17	165.4	164.9	10
26.60	146.5	.20	146.8	146.2	10
26.80	128.1	.30	128.5	127.7	10
27.00	110.2	.23	110.6	109.9	10
27.10	101.4	.21	101.8	101.1	8
27.20	92.6	.21	93.0	92.3	8
27.30	83.8	.15	84.1	83.6	8
27.40	75.1	.15	75.3	74.8	8
27.50	66.4	.19	66.7	66.2	8
27.60	58.2	n/a	n/a	n/a	1
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

THETA

SIGMA -T	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	n/a	n/a	n/a	n/a	0
25.60	6.79	.341	7.19	6.36	4
25.80	6.15	.416	6.78	5.47	10
26.00	5.97	.437	6.54	5.43	10
26.20	5.85	.382	6.37	5.34	10
26.40	5.79	.417	6.25	5.21	10
26.60	5.69	.474	6.21	4.89	10
26.80	4.82	.348	5.21	4.22	10
27.00	4.07	.103	4.18	3.86	10
27.10	3.89	.050	3.96	3.81	8
27.20	3.63	.070	3.74	3.55	8
27.30	3.30	.066	3.43	3.22	8
27.40	2.95	.059	3.07	2.88	8
27.50	2.55	.061	2.66	2.48	8
27.60	2.07	n/a	n/a	n/a	1
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

SVA (THETA)

SIGMA -T	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	n/a	n/a	n/a	n/a	0
25.60	239.4	.05	239.5	239.4	4
25.80	220.0	.54	220.4	219.1	10
26.00	200.8	.79	201.4	199.2	10
26.20	181.9	.60	182.4	180.7	10
26.40	163.3	.14	163.5	163.1	10
26.60	144.3	.06	144.4	144.2	10
26.80	125.4	.07	125.5	125.3	10
27.00	106.3	.10	106.4	106.2	10
27.10	96.8	.05	96.8	96.7	8
27.20	87.2	.07	87.3	87.1	8
27.30	77.7	.01	77.7	77.7	8
27.40	68.2	.04	68.2	68.1	8
27.50	58.5	.10	58.6	58.3	8
27.60	48.6	n/a	n/a	n/a	1
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

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DELTA D

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	n/a	n/a	n/a	n/a	0
25.60	1.378	.7564	2.130	.380	4
25.80	2.370	.2831	2.950	1.850	10
26.00	2.614	.2958	3.150	2.090	10
26.20	2.815	.3045	3.360	2.350	10
26.40	3.023	.3122	3.560	2.650	10
26.60	3.384	.3190	3.950	2.960	10
26.80	4.559	.3983	5.140	3.910	10
27.00	6.448	.3919	7.010	5.770	10
27.10	7.472	.4306	8.150	6.880	8
27.20	8.580	.4775	9.310	7.950	8
27.30	9.950	.4540	10.710	9.300	8
27.40	11.481	.5170	12.290	10.700	8
27.50	13.424	.6147	14.440	12.650	8
27.60	16.490	n/a	n/a	n/a	1
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
.48	.398	.95	.03	4
1.22	.280	1.82	.75	10
1.49	.334	2.08	.95	10
1.73	.382	2.38	1.21	10
2.01	.434	2.72	1.54	10
2.54	.501	3.52	1.95	10
4.96	.935	6.55	3.59	10
11.18	1.352	13.54	8.98	10
15.97	1.841	19.33	13.66	8
22.30	2.456	26.62	19.38	8
32.00	2.749	37.31	28.39	8
45.60	3.899	52.34	40.07	8
67.46	6.207	78.17	60.33	8
113.30	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

DELTA DH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	n/a	n/a	n/a	n/a	0
25.60	10.477	.8196	11.676	9.899	4
25.80	9.361	.2746	9.898	9.086	8
26.00	9.169	.2187	9.543	8.886	8
26.20	8.983	.2140	9.334	8.671	8
26.40	8.787	.2086	9.103	8.471	8
26.60	8.438	.1345	8.656	8.248	8
26.80	7.231	.2290	7.507	6.915	8
27.00	5.288	.1993	5.587	5.044	8
27.10	4.251	.1924	4.482	3.908	8
27.20	3.144	.2635	3.561	2.741	8
27.30	1.774	.2207	2.060	1.348	8
27.40	.242	.2932	.662	-0.236	8
27.50	-1.698	.4189	-1.201	-2.385	8
27.60	-4.749	n/a	n/a	n/a	1
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

ACC. POT.

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
11.834	.2377	12.051	11.550	4
11.561	.2396	11.940	11.234	8
11.364	.2278	11.747	11.049	8
11.151	.2159	11.533	10.856	8
10.920	.2053	11.294	10.644	8
10.664	.1977	11.034	10.405	8
10.320	.1673	10.633	10.099	8
9.753	.1246	9.991	9.580	8
9.355	.0996	9.550	9.220	8
8.863	.0725	9.007	8.761	8
8.262	.0490	8.348	8.190	8
7.504	.0197	7.533	7.467	8
6.546	.0323	6.588	6.490	8
5.296	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

OXYGEN

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	n/a	n/a	n/a	n/a	0
25.60	n/a	n/a	n/a	n/a	0
25.80	6.71	n/a	n/a	n/a	1
26.00	6.14	n/a	n/a	n/a	1
26.20	5.60	n/a	n/a	n/a	1
26.40	5.10	n/a	n/a	n/a	1
26.60	4.70	n/a	n/a	n/a	1
26.80	2.93	n/a	n/a	n/a	1
27.00	1.58	n/a	n/a	n/a	1
27.10	1.13	n/a	n/a	n/a	1
27.20	1.06	n/a	n/a	n/a	1
27.30	.60	n/a	n/a	n/a	1
27.40	.51	n/a	n/a	n/a	1
27.50	.61	n/a	n/a	n/a	1
27.60	1.02	n/a	n/a	n/a	1
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

SOUND

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
1476	1.0	1477	1475	4
1475	1.7	1477	1472	10
1474	1.8	1477	1472	10
1474	1.7	1476	1472	10
1475	1.6	1476	1472	10
1475	2.1	1477	1471	10
1473	1.6	1474	1470	10
1473	.5	1473	1472	10
1474	.5	1474	1473	8
1475	.5	1475	1474	8
1476	.5	1476	1475	8
1478	.5	1478	1477	8
1481	.9	1482	1480	8
1487	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

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TEMPERATURE

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	n/a	n/a	n/a	n/a	0
25.60	6.86	n/a	n/a	n/a	1
25.80	5.66	.318	6.34	5.37	7
26.00	5.34	.292	5.85	4.81	10
26.20	5.45	.152	5.65	5.09	10
26.40	5.50	.370	6.07	4.90	10
26.60	5.41	.353	6.31	4.68	10
26.80	4.65	.324	5.21	4.24	10
27.00	4.00	.120	4.12	3.80	8
27.10	3.83	.093	3.96	3.74	7
27.20	3.61	.080	3.70	3.50	6
27.30	3.35	.067	3.44	3.26	6
27.40	3.02	.054	3.09	2.94	6
27.50	2.64	.055	2.71	2.59	6
27.60	n/a	n/a	n/a	n/a	0
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

SALINITY

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	n/a	n/a	n/a	n/a	0
25.60	32.649	n/a	n/a	n/a	1
25.80	32.703	.0577	32.828	32.654	7
26.00	32.909	.0462	32.996	32.828	10
26.20	33.178	.0199	33.204	33.136	10
26.40	33.436	.0555	33.524	33.350	10
26.60	33.678	.0839	33.816	33.569	10
26.80	33.819	.0449	33.897	33.762	10
27.00	33.984	.0142	34.000	33.961	8
27.10	34.087	.0128	34.104	34.076	7
27.20	34.185	.0110	34.198	34.171	6
27.30	34.279	.0081	34.290	34.269	6
27.40	34.366	.0064	34.375	34.358	6
27.50	34.450	.0064	34.457	34.444	6
27.60	n/a	n/a	n/a	n/a	0
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

DEPTH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	n/a	n/a	n/a	n/a	0
25.60	103	n/a	n/a	n/a	1
25.80	86	37.6	113	17	7
26.00	113	12.3	132	90	10
26.20	127	8.1	141	114	10
26.40	138	8.7	151	124	10
26.60	161	10.9	178	144	10
26.80	237	16.4	266	211	10
27.00	394	18.6	421	367	8
27.10	502	22.3	529	470	7
27.20	626	23.0	654	598	6
27.30	781	29.5	818	741	6
27.40	976	41.1	1044	938	6
27.50	1245	42.7	1321	1206	6
27.60	n/a	n/a	n/a	n/a	0
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

SVA

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	n/a	n/a	n/a	n/a	0
25.60	240.8	n/a	n/a	n/a	1
25.80	221.4	.39	221.7	220.7	7
26.00	202.7	.12	202.8	202.4	10
26.20	183.9	.10	184.0	183.7	10
26.40	165.1	.14	165.4	165.0	10
26.60	146.4	.21	146.8	146.2	10
26.80	128.0	.30	128.5	127.5	10
27.00	110.0	.28	110.4	109.7	8
27.10	101.3	.36	101.6	101.0	7
27.20	92.6	.26	92.9	92.2	6
27.30	83.9	.19	84.1	83.6	6
27.40	75.2	.21	75.5	74.9	6
27.50	66.5	.17	66.7	66.2	6
27.60	n/a	n/a	n/a	n/a	0
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

THETA

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	n/a	n/a	n/a	n/a	0
25.60	6.85	n/a	n/a	n/a	1
25.80	5.65	.318	6.33	5.36	7
26.00	5.33	.292	5.84	4.80	10
26.20	5.44	.152	5.64	5.08	10
26.40	5.48	.371	6.06	4.89	10
26.60	5.40	.354	6.30	4.67	10
26.80	4.63	.324	5.19	4.22	10
27.00	3.98	.117	4.09	3.78	8
27.10	3.79	.093	3.93	3.71	7
27.20	3.56	.085	3.66	3.45	6
27.30	3.29	.068	3.38	3.20	6
27.40	2.95	.057	3.03	2.87	6
27.50	2.56	.057	2.63	2.50	6
27.60	n/a	n/a	n/a	n/a	0
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

SVA (THETA)

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	n/a	n/a	n/a	n/a	0
25.60	238.3	n/a	n/a	n/a	1
25.80	220.1	.69	220.5	218.6	7
26.00	201.0	.44	201.5	200.2	10
26.20	182.0	.51	182.4	181.2	10
26.40	163.3	.22	163.4	162.7	10
26.60	144.4	.06	144.4	144.2	10
26.80	125.4	.03	125.4	125.3	10
27.00	106.3	.09	106.4	106.1	8
27.10	96.8	.00	96.8	96.8	7
27.20	87.3	.05	87.3	87.2	6
27.30	77.7	.01	77.7	77.7	6
27.40	68.1	.04	68.2	68.1	6
27.50	58.5	.08	58.6	58.4	6
27.60	n/a	n/a	n/a	n/a	0
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

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DELTA D

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	n/a	n/a	n/a	n/a	0
25.60	2.630	n/a	n/a	n/a	1
25.80	2.007	.9092	2.770	.380	7
26.00	2.564	.3327	2.990	1.980	10
26.20	2.814	.2346	3.170	2.490	10
26.40	3.024	.2249	3.350	2.670	10
26.60	3.378	.2620	3.770	2.990	10
26.80	4.407	.3318	4.970	3.960	10
27.00	6.265	.3418	6.940	5.820	8
27.10	7.404	.4039	8.100	6.920	7
27.20	8.637	.4204	9.320	8.160	6
27.30	10.013	.4750	10.720	9.420	6
27.40	11.582	.5328	12.280	11.000	6
27.50	13.500	.5335	14.180	12.900	6
27.60	n/a	n/a	n/a	n/a	0
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

POT. ENERGY

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	n/a	n/a	n/a	n/a	0
25.60	1.38	n/a	n/a	n/a	1
25.80	1.03	.616	1.54	.03	7
26.00	1.50	.338	2.00	.91	10
26.20	1.80	.255	2.25	1.43	10
26.40	2.08	.262	2.51	1.65	10
26.60	2.63	.354	3.22	2.09	10
26.80	4.73	.616	5.73	3.88	10
27.00	10.74	.992	12.37	9.35	8
27.10	16.06	1.458	18.00	14.07	7
27.20	23.09	1.788	25.43	20.89	6
27.30	33.05	2.586	35.99	29.57	6
27.40	47.21	3.938	53.28	43.16	6
27.50	69.11	4.887	77.39	64.12	6
27.60	n/a	n/a	n/a	n/a	0
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

DELTA DH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	n/a	n/a	n/a	n/a	0
25.60	9.541	n/a	n/a	n/a	1
25.80	9.620	.5468	10.421	9.191	4
26.00	9.124	.1974	9.306	8.769	6
26.20	8.948	.1717	9.119	8.628	6
26.40	8.726	.2026	8.913	8.390	6
26.60	8.381	.2376	8.670	8.057	6
26.80	7.288	.1835	7.476	7.000	6
27.00	5.377	.1222	5.575	5.229	6
27.10	4.234	.1631	4.476	4.050	6
27.20	3.051	.1561	3.230	2.850	6
27.30	1.675	.2198	1.968	1.391	6
27.40	.107	.3138	.392	-0.416	6
27.50	-1.811	.3290	-1.511	-2.400	6
27.60	n/a	n/a	n/a	n/a	0
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

ACC. POT.

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	n/a	n/a	n/a	n/a	0
25.60	12.031	n/a	n/a	n/a	1
25.80	11.638	.1592	11.827	11.493	4
26.00	11.436	.1541	11.614	11.265	6
26.20	11.212	.1530	11.390	11.028	6
26.40	10.971	.1526	11.146	10.770	6
26.60	10.701	.1547	10.879	10.483	6
26.80	10.351	.1449	10.512	10.141	6
27.00	9.789	.1100	9.910	9.629	6
27.10	9.395	.0927	9.494	9.263	6
27.20	8.897	.0741	8.977	8.791	6
27.30	8.286	.0462	8.336	8.215	6
27.40	7.518	.0222	7.543	7.483	6
27.50	6.553	.0280	6.585	6.507	6
27.60	n/a	n/a	n/a	n/a	0
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

OXYGEN

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	n/a	n/a	n/a	n/a	0
25.60	n/a	n/a	n/a	n/a	0
25.80	n/a	n/a	n/a	n/a	0
26.00	n/a	n/a	n/a	n/a	0
26.20	n/a	n/a	n/a	n/a	0
26.40	n/a	n/a	n/a	n/a	0
26.60	n/a	n/a	n/a	n/a	0
26.80	n/a	n/a	n/a	n/a	0
27.00	n/a	n/a	n/a	n/a	0
27.10	n/a	n/a	n/a	n/a	0
27.20	n/a	n/a	n/a	n/a	0
27.30	n/a	n/a	n/a	n/a	0
27.40	n/a	n/a	n/a	n/a	0
27.50	n/a	n/a	n/a	n/a	0
27.60	n/a	n/a	n/a	n/a	0
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

SOUND

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	n/a	n/a	n/a	n/a	0
25.60	1477	n/a	n/a	n/a	1
25.80	1472	1.4	1475	1471	7
26.00	1472	1.4	1474	1469	10
26.20	1473	.7	1473	1471	10
26.40	1473	1.6	1476	1471	10
26.60	1474	2.4	1477	1470	10
26.80	1472	1.5	1474	1470	10
27.00	1472	.9	1473	1471	8
27.10	1473	.8	1474	1472	7
27.20	1474	.8	1475	1473	6
27.30	1476	.4	1476	1475	6
27.40	1478	.6	1479	1477	6
27.50	1481	.6	1482	1480	6
27.60	n/a	n/a	n/a	n/a	0
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

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TEMPERATURE

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	7.77	.123	7.93	7.67	5
25.60	6.83	.336	7.55	6.35	24
25.80	5.93	.422	6.71	5.34	29
26.00	5.64	.548	6.61	4.88	29
26.20	5.57	.512	6.67	4.96	29
26.40	5.51	.482	6.62	4.87	29
26.60	5.43	.449	6.55	4.70	29
26.80	4.78	.286	5.23	3.97	29
27.00	4.09	.134	4.27	3.74	28
27.10	3.88	.091	4.01	3.68	26
27.20	3.62	.063	3.73	3.45	24
27.30	3.34	.058	3.45	3.20	24
27.40	2.99	.064	3.13	2.85	24
27.50	2.61	.063	2.76	2.45	24
27.60	2.20	.059	2.27	2.16	3
27.70	1.77	.028	1.79	1.75	2
27.75	1.56	.014	1.57	1.55	2
27.76	1.53	n/a	n/a	n/a	1

SALINITY

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	32.545	.0198	32.569	32.521	5
25.60	32.633	.0569	32.755	32.550	24
25.80	32.743	.0674	32.873	32.652	29
26.00	32.957	.0854	33.122	32.838	29
26.20	33.198	.0786	33.377	33.103	29
26.40	33.440	.0737	33.613	33.345	29
26.60	33.679	.0677	33.823	33.571	29
26.80	33.837	.0401	33.900	33.727	29
27.00	33.996	.0170	34.022	33.952	28
27.10	34.093	.0121	34.111	34.068	26
27.20	34.187	.0077	34.200	34.166	24
27.30	34.278	.0061	34.291	34.261	24
27.40	34.363	.0071	34.379	34.348	24
27.50	34.447	.0064	34.462	34.431	24
27.60	34.532	.0070	34.537	34.529	3
27.70	34.613	.0081	34.615	34.610	2
27.75	34.654	.0100	34.655	34.653	2
27.76	34.664	n/a	n/a	n/a	1

DEPTH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	36	10.0	51	24	5
25.60	54	27.5	103	3	24
25.80	88	24.3	126	33	29
26.00	112	11.6	137	90	29
26.20	123	10.5	145	100	29
26.40	134	11.0	155	109	29
26.60	155	11.6	172	129	29
26.80	231	25.3	284	170	29
27.00	388	35.6	446	308	28
27.10	494	36.3	547	409	26
27.20	620	41.4	687	528	24
27.30	765	41.7	854	664	24
27.40	968	47.9	1077	851	24
27.50	1238	59.4	1363	1110	24
27.60	1660	99.4	1735	1547	3
27.70	2338	97.6	2407	2269	2
27.75	3319	21.2	3334	3304	2
27.76	3605	n/a	n/a	n/a	1

SVA

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	259.1	.15	259.3	258.9	5
25.60	240.3	.33	240.9	239.6	24
25.80	221.6	.29	222.1	220.9	29
26.00	202.7	.14	203.1	202.4	29
26.20	183.9	.13	184.2	183.6	29
26.40	165.1	.14	165.3	164.8	29
26.60	146.4	.20	146.8	145.9	29
26.80	128.0	.34	128.7	127.2	29
27.00	110.1	.39	110.7	109.3	28
27.10	101.3	.36	101.8	100.5	26
27.20	92.6	.34	93.1	91.8	24
27.30	83.8	.27	84.4	83.2	24
27.40	75.1	.27	75.7	74.6	24
27.50	66.4	.33	66.9	66.0	24
27.60	58.0	.32	58.2	57.6	3
27.70	49.4	.00	49.4	49.4	2
27.75	46.5	.14	46.6	46.4	2
27.76	46.1	n/a	n/a	n/a	1

THETA

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	7.76	.126	7.93	7.66	5
25.60	6.82	.338	7.55	6.34	24
25.80	5.92	.421	6.70	5.33	29
26.00	5.63	.548	6.60	4.87	29
26.20	5.56	.512	6.66	4.95	29
26.40	5.50	.482	6.61	4.86	29
26.60	5.41	.447	6.54	4.69	29
26.80	4.76	.284	5.21	3.96	29
27.00	4.06	.133	4.24	3.71	28
27.10	3.84	.090	3.98	3.64	26
27.20	3.57	.062	3.68	3.40	24
27.30	3.28	.058	3.39	3.14	24
27.40	2.92	.065	3.06	2.78	24
27.50	2.53	.066	2.68	2.36	24
27.60	2.09	.064	2.16	2.04	3
27.70	1.61	.035	1.63	1.58	2
27.75	1.30	.014	1.31	1.29	2
27.76	1.24	n/a	n/a	n/a	1

SVA (THETA)

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	258.1	.51	258.5	257.5	5
25.60	239.3	.31	239.5	238.3	24
25.80	220.2	.37	220.5	218.9	29
26.00	201.0	.50	201.5	200.0	29
26.20	182.0	.51	182.5	180.7	29
26.40	163.3	.28	163.5	162.2	29
26.60	144.4	.11	144.5	144.0	29
26.80	125.4	.04	125.5	125.3	29
27.00	106.3	.10	106.4	106.0	28
27.10	96.8	.04	96.9	96.7	26
27.20	87.3	.06	87.3	87.1	24
27.30	77.7	.04	77.8	77.7	24
27.40	68.2	.06	68.3	68.0	24
27.50	58.5	.10	58.6	58.3	24
27.60	48.7	.21	48.9	48.5	3
27.70	39.1	.01	39.1	39.1	2
27.75	33.9	.07	33.9	33.8	2
27.76	32.7	n/a	n/a	n/a	1

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DELTA D

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	.956	.2600	1.340	.640	5
25.60	1.351	.7109	2.610	.080	24
25.80	2.139	.6241	3.130	.760	29
26.00	2.646	.3145	3.360	2.040	29
26.20	2.865	.2732	3.520	2.300	29
26.40	3.051	.3826	3.690	2.450	29
26.60	3.386	.3051	3.950	2.760	29
26.80	4.416	.4543	5.140	3.290	29
27.00	6.290	.5551	7.090	4.910	28
27.10	7.407	.5839	8.170	5.980	26
27.20	8.632	.6570	9.550	7.130	24
27.30	9.925	.6480	11.040	8.330	24
27.40	11.548	.6878	12.850	9.820	24
27.50	13.470	.7337	14.750	11.670	24
27.60	16.137	1.5132	17.050	14.390	3
27.70	19.450	1.6688	20.630	18.270	2
27.75	24.165	1.1526	24.980	23.350	2
27.76	26.390	n/a	n/a	n/a	1

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
.19	.102	.35	.08	5
.46	.412	1.34	.00	24
1.03	.480	1.99	.13	29
1.50	.326	2.30	.93	29
1.76	.309	2.54	1.14	29
2.00	.338	2.80	1.30	29
2.50	.388	3.24	1.68	29
4.57	.855	6.44	2.56	29
10.54	1.799	13.73	6.53	28
15.65	2.245	19.22	10.44	26
22.73	3.059	27.99	16.00	24
31.92	3.645	39.79	23.32	24
46.39	4.866	57.71	34.89	24
68.31	6.736	81.29	53.51	24
108.48	15.552	118.84	90.60	3
181.01	20.103	195.23	166.80	2
318.49	6.809	323.31	313.68	2
374.00	n/a	n/a	n/a	1

DELTA DH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	10.984	.2278	11.116	10.721	3
25.60	10.499	.5536	11.394	9.500	20
25.80	9.641	.3556	10.316	8.921	24
26.00	9.137	.2311	9.568	8.787	24
26.20	8.912	.2822	9.441	8.339	24
26.40	8.730	.2918	9.295	8.160	24
26.60	8.398	.2260	8.786	7.932	24
26.80	7.922	.1723	8.633	7.033	24
27.00	5.408	.2533	5.926	5.063	24
27.10	4.305	.2534	4.900	4.001	24
27.20	3.083	.2992	3.732	2.618	24
27.30	1.791	.3030	2.510	1.127	24
27.40	.168	.3589	1.022	-0.678	24
27.50	-1.762	.4429	-0.826	-2.679	24
27.60	-4.451	.7920	-3.545	-5.010	3
27.70	-8.013	.8202	-7.433	-8.593	2
27.75	-12.722	.3041	-12.507	-12.937	2
27.76	-14.354	n/a	n/a	n/a	1

ACC. POT.

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
12.007	.0486	12.051	11.955	3
11.751	.2817	12.166	10.840	20
11.555	.2985	12.002	10.796	24
11.365	.2727	11.800	10.669	24
11.146	.2660	11.587	10.473	24
10.908	.2628	11.362	10.252	24
10.646	.2599	11.109	10.005	24
10.309	.2348	10.711	9.729	24
9.755	.1789	10.056	9.322	24
9.363	.1466	9.615	9.010	24
8.974	.1110	9.076	8.601	24
8.263	.0714	8.399	8.089	24
7.504	.0304	7.553	7.428	24
6.546	.0319	6.625	6.476	24
5.283	.1628	5.469	5.168	3
3.686	.3246	3.916	3.457	2
2.935	.4540	3.256	2.614	2
2.522	n/a	n/a	n/a	1

OXYGEN

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	7.04	n/a	n/a	n/a	1
25.60	7.09	.071	7.14	7.04	2
25.80	7.10	.199	7.32	6.93	3
26.00	6.65	.110	6.76	6.54	3
26.20	6.16	.157	6.34	6.04	3
26.40	5.69	.269	6.00	5.50	3
26.60	4.81	.280	5.10	4.54	3
26.80	3.10	.272	3.39	2.85	3
27.00	1.45	.216	1.68	1.25	3
27.10	.99	.218	1.18	.75	3
27.20	.75	.035	.77	.72	2
27.30	.55	.014	.56	.54	2
27.40	.44	.049	.48	.41	2
27.50	.51	.007	.52	.51	2
27.60	1.02	n/a	n/a	n/a	1
27.70	1.91	n/a	n/a	n/a	1
27.75	2.85	n/a	n/a	n/a	1
27.76	2.99	n/a	n/a	n/a	1

SOUND

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
1479	.5	1480	1479	5
1476	1.2	1479	1474	24
1473	1.9	1477	1471	29
1473	2.2	1477	1470	29
1473	2.1	1478	1470	29
1473	2.0	1478	1471	29
1473	1.9	1477	1470	29
1472	1.5	1475	1469	29
1472	1.1	1474	1470	28
1473	.9	1474	1471	26
1474	.9	1476	1472	24
1476	.7	1477	1474	24
1478	.7	1479	1476	24
1481	.8	1482	1479	24
1486	1.2	1487	1485	3
1496	1.4	1497	1495	2
1512	.0	1512	1512	2
1517	n/a	n/a	n/a	1

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TEMPERATURE

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	11.05	n/a	n/a	n/a	1
25.00	10.18	.252	10.45	9.95	3
25.20	9.10	.266	9.42	8.71	10
25.40	8.23	.583	9.36	7.52	19
25.60	7.00	.552	8.10	6.28	20
25.80	5.88	.480	6.86	5.23	20
26.00	5.47	.454	6.35	4.91	20
26.20	5.46	.421	6.26	4.90	20
26.40	5.49	.387	6.18	4.87	20
26.60	5.43	.399	6.09	4.75	20
26.80	4.83	.249	5.16	4.30	20
27.00	4.10	.096	4.26	3.89	15
27.10	3.87	.073	4.01	3.75	14
27.20	3.62	.069	3.77	3.48	14
27.30	3.33	.089	3.54	3.16	14
27.40	3.01	.072	3.22	2.93	14
27.50	2.63	.088	2.85	2.46	14
27.60	2.45	n/a	n/a	n/a	1
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

SALINITY

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
32.466	n/a	n/a	n/a	1
32.515	.0493	32.570	32.475	3
32.546	.0563	32.620	32.460	10
32.632	.1116	32.850	32.505	19
32.666	.0962	32.861	32.540	20
32.734	.0761	32.894	32.634	20
32.927	.0697	33.060	32.844	20
33.179	.0670	33.312	33.093	20
33.436	.0595	33.550	33.344	20
33.679	.0605	33.780	33.579	20
33.843	.0352	33.890	33.770	20
33.995	.0126	34.019	33.969	15
34.092	.0100	34.112	34.077	14
34.188	.0092	34.206	34.169	14
34.278	.0102	34.303	34.257	14
34.365	.0080	34.389	34.356	14
34.449	.0102	34.474	34.430	14
34.556	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

DEPTH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	6	n/a	n/a	n/a	1
25.00	13	11.4	26	4	3
25.20	25	7.0	38	13	10
25.40	32	10.5	56	18	19
25.60	54	17.9	95	26	20
25.80	87	18.0	114	55	20
26.00	112	8.9	128	96	20
26.20	127	9.3	144	106	20
26.40	139	10.9	157	115	20
26.60	159	12.6	176	131	20
26.80	235	16.4	267	191	20
27.00	387	26.2	434	329	15
27.10	493	33.8	555	423	14
27.20	615	46.0	711	529	14
27.30	766	50.8	881	690	14
27.40	957	42.1	1033	864	14
27.50	1229	63.6	1365	1090	14
27.60	1389	n/a	n/a	n/a	1
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

SVA

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
315.8	n/a	n/a	n/a	1
296.9	.21	297.1	296.7	3
278.1	.13	278.2	277.8	10
259.1	.14	259.4	258.9	19
240.3	.21	240.8	239.9	20
221.5	.18	221.8	221.2	20
202.7	.13	202.9	202.5	20
183.9	.10	184.1	183.7	20
165.1	.12	165.3	164.8	20
146.4	.15	146.7	146.0	20
128.0	.19	128.3	127.5	20
110.1	.21	110.4	109.5	15
101.3	.27	101.8	100.7	14
92.6	.28	93.0	92.0	14
83.8	.25	84.2	83.3	14
75.1	.17	75.4	74.8	14
66.4	.18	66.8	66.1	14
57.4	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

THETA

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	11.05	n/a	n/a	n/a	1
25.00	10.18	.252	10.45	9.95	3
25.20	9.09	.268	9.42	8.71	10
25.40	8.22	.583	9.36	7.51	19
25.60	7.00	.552	8.09	6.28	20
25.80	5.87	.481	6.86	5.22	20
26.00	5.46	.455	6.35	4.90	20
26.20	5.44	.421	6.25	4.89	20
26.40	5.48	.387	6.17	4.86	20
26.60	5.42	.398	6.08	4.74	20
26.80	4.81	.248	5.14	4.28	20
27.00	4.07	.095	4.23	3.86	15
27.10	3.83	.074	3.98	3.71	14
27.20	3.58	.072	3.73	3.43	14
27.30	3.28	.092	3.49	3.09	14
27.40	2.94	.072	3.15	2.86	14
27.50	2.55	.092	2.77	2.37	14
27.60	2.35	n/a	n/a	n/a	1
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
313.9	n/a	n/a	n/a	1
296.1	.68	296.6	295.3	3
276.9	.79	277.6	275.5	10
258.1	.43	258.5	256.8	19
239.2	.41	239.5	237.9	20
220.4	.14	220.5	220.0	20
201.2	.37	201.5	199.9	20
182.1	.36	182.5	181.4	20
163.2	.20	163.5	162.7	20
144.4	.10	144.5	144.2	20
125.4	.03	125.5	125.4	20
106.4	.06	106.4	106.2	15
96.8	.02	96.8	96.7	14
87.3	.05	87.3	87.2	14
77.7	.05	77.8	77.6	14
68.2	.05	68.2	68.1	14
58.5	.08	58.6	58.4	14
48.9	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

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DELTA D

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	.180	n/a	n/a	n/a	1
25.00	.417	.3595	.820	.130	3
25.20	.742	.3212	1.160	.360	10
25.40	.901	.3099	1.650	.500	19
25.60	1.440	.4958	2.580	.680	20
25.80	2.216	.4845	2.910	1.370	20
26.00	2.755	.2829	3.160	2.230	20
26.20	3.039	.2492	3.470	2.510	20
26.40	3.251	.2733	3.700	2.660	20
26.60	3.556	.3051	3.990	2.900	20
26.80	4.595	.3231	5.120	3.900	20
27.00	6.412	.4031	7.250	5.540	15
27.10	7.527	.4640	8.540	6.660	14
27.20	8.714	.5478	9.700	7.690	14
27.30	10.061	.5964	11.170	9.090	14
27.40	11.592	.5407	12.740	10.510	14
27.50	13.530	.6922	15.100	12.120	14
27.60	13.980	n/a	n/a	n/a	1
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
.01	n/a	n/a	n/a	1
.04	.059	.11	.00	3
.10	.058	.22	.02	10
.16	.115	.46	.05	19
.42	.294	1.22	.09	20
.99	.386	1.57	.37	20
1.51	.262	1.95	1.04	20
1.86	.267	2.37	1.30	20
2.15	.323	2.72	1.47	20
2.62	.400	3.21	1.77	20
4.72	.612	5.95	3.28	20
10.50	1.291	13.10	7.62	15
15.61	1.983	19.68	11.70	14
22.41	3.114	28.59	16.76	14
31.99	4.209	41.32	25.63	14
45.51	4.232	53.51	36.76	14
67.35	6.959	82.60	52.95	14
76.65	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

DELTA DH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	11.888	n/a	n/a	n/a	1
25.00	11.248	n/a	n/a	n/a	1
25.20	11.160	.3059	11.458	10.587	7
25.40	10.915	.3004	11.212	10.422	14
25.60	10.313	.3781	10.887	9.765	14
25.80	9.625	.3740	10.275	8.916	14
26.00	9.115	.2562	9.490	8.628	14
26.20	8.841	.2679	9.276	8.432	14
26.40	8.642	.2767	9.071	8.264	14
26.60	8.343	.2464	8.780	8.041	14
26.80	7.307	.1733	7.554	6.950	14
27.00	5.443	.1706	5.820	5.163	14
27.10	4.310	.2270	4.769	3.868	14
27.20	3.123	.3277	3.735	2.440	14
27.30	1.776	.3821	2.317	.883	14
27.40	.245	.3111	.922	-0.331	14
27.50	-1.691	.4640	-0.690	-2.693	14
27.60	-2.551	n/a	n/a	n/a	1
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

ACC. POT.

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
12.070	n/a	n/a	n/a	1
12.030	n/a	n/a	n/a	1
11.918	.3017	12.351	11.340	7
11.769	.2477	12.289	11.286	14
11.687	.3314	12.142	11.216	14
11.553	.3137	11.947	11.111	14
11.363	.2080	11.729	10.935	14
11.140	.2067	11.497	10.711	14
10.895	.2073	11.252	10.467	14
10.625	.2072	10.975	10.208	14
10.289	.1974	10.614	9.913	14
9.736	.1687	10.005	9.410	14
9.350	.1461	9.602	9.072	14
8.865	.1193	9.109	8.652	14
8.256	.0683	8.372	8.139	14
7.502	.0235	7.541	7.458	14
6.553	.0267	6.604	6.484	14
5.514	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

OXYGEN

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	n/a	n/a	n/a	n/a	0
25.60	n/a	n/a	n/a	n/a	0
25.80	n/a	n/a	n/a	n/a	0
26.00	n/a	n/a	n/a	n/a	0
26.20	n/a	n/a	n/a	n/a	0
26.40	n/a	n/a	n/a	n/a	0
26.60	n/a	n/a	n/a	n/a	0
26.80	n/a	n/a	n/a	n/a	0
27.00	n/a	n/a	n/a	n/a	0
27.10	n/a	n/a	n/a	n/a	0
27.20	n/a	n/a	n/a	n/a	0
27.30	n/a	n/a	n/a	n/a	0
27.40	n/a	n/a	n/a	n/a	0
27.50	n/a	n/a	n/a	n/a	0
27.60	n/a	n/a	n/a	n/a	0
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

SOUND

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
1491	n/a	n/a	n/a	1
1488	1.0	1489	1487	3
1484	1.1	1486	1483	10
1481	2.2	1486	1479	19
1477	2.2	1481	1474	20
1473	2.1	1477	1470	20
1472	1.8	1476	1470	20
1473	1.8	1476	1470	20
1473	1.7	1476	1470	20
1474	1.7	1476	1470	20
1473	1.1	1474	1471	20
1472	.6	1473	1471	15
1473	.6	1474	1472	14
1474	.5	1475	1473	14
1476	.7	1477	1475	14
1478	.6	1479	1477	14
1481	.8	1482	1479	14
1483	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

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TEMPERATURE

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	13.48	n/a	n/a	n/a	1
24.80	11.78	.640	12.52	11.36	3
25.00	10.47	.511	11.44	9.99	6
25.20	9.40	.467	10.32	8.86	7
25.40	8.19	.505	9.23	7.72	7
25.60	6.96	.527	8.03	6.47	7
25.80	5.90	.536	6.79	5.18	7
26.00	5.48	.681	6.40	4.49	7
26.20	5.44	.724	6.56	4.48	7
26.40	5.54	.740	6.72	4.61	7
26.60	5.45	.765	6.38	4.52	7
26.80	4.78	.461	5.40	4.00	7
27.00	4.03	.242	4.28	3.66	6
27.10	3.88	.116	3.98	3.69	5
27.20	3.63	.070	3.69	3.52	5
27.30	3.35	.063	3.44	3.27	5
27.40	3.00	.042	3.06	2.96	6
27.50	2.62	.034	2.65	2.58	5
27.60	n/a	n/a	n/a	n/a	0
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

SALINITY

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	32.793	n/a	n/a	n/a	1
24.80	32.618	.1558	32.797	32.517	3
25.00	32.583	.1130	32.804	32.503	6
25.20	32.612	.0972	32.814	32.526	7
25.40	32.635	.0949	32.826	32.546	7
25.60	32.665	.0945	32.854	32.575	7
25.80	32.739	.0852	32.884	32.627	7
26.00	32.929	.1019	33.074	32.785	7
26.20	33.180	.1090	33.349	33.040	7
26.40	33.447	.1137	33.630	33.312	7
26.60	33.684	.1149	33.827	33.547	7
26.80	33.837	.0643	33.926	33.731	7
27.00	33.987	.0294	34.019	33.944	6
27.10	34.094	.0154	34.107	34.069	5
27.20	34.188	.0067	34.195	34.174	5
27.30	34.279	.0089	34.290	34.270	5
27.40	34.365	.0062	34.371	34.359	6
27.50	34.448	.0000	34.452	34.443	5
27.60	n/a	n/a	n/a	n/a	0
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

DEPTH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	17	n/a	n/a	n/a	1
24.80	17	3.8	20	13	3
25.00	23	4.5	31	18	6
25.20	29	9.4	47	16	7
25.40	40	10.6	55	26	7
25.60	54	10.6	66	36	7
25.80	90	16.2	104	64	7
26.00	113	11.1	123	96	7
26.20	125	12.7	144	106	7
26.40	137	15.3	164	115	7
26.60	160	17.6	188	133	7
26.80	240	22.5	278	205	7
27.00	409	26.9	451	369	6
27.10	521	21.9	555	499	5
27.20	641	26.1	679	610	5
27.30	801	30.7	834	753	5
27.40	993	32.0	1034	941	6
27.50	1267	51.4	1335	1200	5
27.60	n/a	n/a	n/a	n/a	0
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

SVA

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	335.1	n/a	n/a	n/a	1
24.80	316.1	.02	316.1	316.0	3
25.00	297.1	.11	297.3	297.0	6
25.20	278.1	.20	278.5	277.9	7
25.40	259.2	.17	259.5	259.1	7
25.60	240.3	.12	240.4	240.1	7
25.80	221.5	.16	221.8	221.4	7
26.00	202.7	.15	203.0	202.6	7
26.20	183.9	.17	184.2	183.7	7
26.40	165.1	.18	165.4	164.8	7
26.60	146.4	.24	146.8	146.0	7
26.80	128.1	.46	128.7	127.3	7
27.00	110.2	.44	110.8	109.5	6
27.10	101.5	.34	102.0	101.1	5
27.20	92.8	.24	93.1	92.5	5
27.30	84.1	.16	84.3	83.9	5
27.40	75.3	.19	75.5	75.1	6
27.50	66.6	.30	66.9	66.2	5
27.60	n/a	n/a	n/a	n/a	0
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

THETA

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	13.48	n/a	n/a	n/a	1
24.80	11.78	.635	12.51	11.36	3
25.00	10.47	.514	11.44	9.98	6
25.20	9.40	.467	10.32	8.86	7
25.40	8.18	.501	9.22	7.72	7
25.60	6.96	.528	8.03	6.47	7
25.80	5.89	.537	6.79	5.17	7
26.00	5.47	.680	6.39	4.49	7
26.20	5.43	.727	6.55	4.46	7
26.40	5.53	.737	6.70	4.60	7
26.60	5.43	.764	6.36	4.51	7
26.80	4.76	.457	5.38	3.99	7
27.00	4.00	.235	4.24	3.64	6
27.10	3.84	.112	3.94	3.66	5
27.20	3.59	.068	3.64	3.48	5
27.30	3.29	.063	3.38	3.21	5
27.40	2.93	.042	2.99	2.89	6
27.50	2.53	.032	2.56	2.49	5
27.60	n/a	n/a	n/a	n/a	0
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

SVA (THETA)

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	332.7	n/a	n/a	n/a	1
24.80	315.4	.25	315.7	315.1	3
25.00	295.8	1.28	296.6	293.3	6
25.20	276.7	.94	277.6	275.0	7
25.40	257.3	1.21	258.5	255.3	7
25.60	238.8	.74	239.5	237.4	7
25.80	220.2	.26	220.4	219.7	7
26.00	201.3	.16	201.5	201.0	7
26.20	182.1	.39	182.4	181.5	7
26.40	163.2	.55	163.4	162.7	7
26.60	144.4	.09	144.5	144.2	7
26.80	125.4	.03	125.5	125.4	7
27.00	106.3	.12	106.4	106.1	6
27.10	96.8	.07	96.9	96.7	5
27.20	87.2	.05	87.3	87.2	5
27.30	77.7	.01	77.7	77.7	5
27.40	68.1	.08	68.2	68.0	6
27.50	58.5	.08	58.6	58.4	5
27.60	n/a	n/a	n/a	n/a	0
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

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DELTA D

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	.600	n/a	n/a	n/a	1
24.80	.580	.1389	.670	.420	3
25.00	.738	.1514	.990	.550	6
25.20	.893	.2954	1.450	.450	7
25.40	1.197	.2731	1.670	.880	7
25.60	1.540	.2733	1.910	1.120	7
25.80	2.383	.4004	2.800	1.760	7
26.00	2.871	.2686	3.120	2.440	7
26.20	3.110	.2818	3.390	2.640	7
26.40	3.313	.3138	3.750	2.800	7
26.60	3.673	.3516	4.120	3.080	7
26.80	4.761	.3626	5.280	4.180	7
27.00	6.775	.3935	7.360	6.140	6
27.10	8.014	.2771	8.480	7.780	5
27.20	9.184	.3007	9.700	8.990	5
27.30	10.618	.2880	11.090	10.310	5
27.40	12.150	.3157	12.700	11.820	6
27.50	14.118	.4752	14.860	13.660	5
27.60	n/a	n/a	n/a	n/a	0
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
.05	n/a	n/a	n/a	1
.06	.023	.07	.03	3
.09	.039	.16	.05	6
.14	.094	.34	.04	7
.25	.127	.46	.11	7
.42	.150	.60	.19	7
1.06	.352	1.37	.52	7
1.56	.396	1.81	1.08	7
1.85	.352	2.29	1.28	7
2.13	.445	2.67	1.46	7
2.69	.554	3.54	1.82	7
4.92	.826	6.31	3.66	7
11.61	1.506	14.07	9.38	6
17.42	1.466	19.85	16.06	5
24.40	2.001	27.59	22.40	5
35.01	2.568	38.38	31.36	5
49.18	3.074	53.84	44.52	5
72.02	5.735	80.12	64.81	5
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

DELTA DH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	11.340	n/a	n/a	n/a	1
24.80	11.400	.1923	11.536	11.264	2
25.00	11.314	.1699	11.554	11.193	4
25.20	11.227	.4295	11.920	10.734	5
25.40	10.895	.2233	11.063	10.513	5
25.60	10.573	.1926	10.819	10.278	5
25.80	9.633	.3393	10.175	9.382	5
26.00	9.215	.2469	9.495	9.021	5
26.20	9.030	.2487	9.301	8.809	5
26.40	8.866	.2624	9.157	8.631	5
26.60	8.591	.2756	8.860	8.320	5
26.80	7.287	.1796	7.529	7.090	5
27.00	5.235	.1399	5.387	5.006	5
27.10	4.122	.1580	4.320	3.886	5
27.20	2.953	.1946	3.160	2.666	5
27.30	1.521	.2301	1.880	1.278	5
27.40	-0.020	.3413	.367	-0.334	6
27.50	-1.980	.3890	-1.477	-2.493	5
27.60	n/a	n/a	n/a	n/a	0
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

ACC POT.

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
11.918	n/a	n/a	n/a	1
12.034	.2135	12.185	11.883	2
12.035	.1304	12.132	11.843	4
12.056	.2012	12.364	11.800	5
11.987	.1946	12.295	11.753	5
11.898	.1758	12.181	11.697	5
11.757	.1579	12.023	11.606	5
11.553	.1512	11.818	11.447	5
11.326	.1490	11.591	11.238	5
11.083	.1514	11.351	10.982	5
10.817	.1569	11.086	10.697	5
10.460	.1427	10.693	10.334	5
9.874	.1111	10.044	9.755	5
9.460	.0908	9.596	9.354	5
8.948	.0700	9.048	8.857	5
8.319	.0422	8.370	8.258	5
7.528	.0185	7.548	7.504	6
6.544	.0129	6.561	6.526	5
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

OXYGEN

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	n/a	n/a	n/a	n/a	0
25.60	n/a	n/a	n/a	n/a	0
25.80	n/a	n/a	n/a	n/a	0
26.00	n/a	n/a	n/a	n/a	0
26.20	n/a	n/a	n/a	n/a	0
26.40	n/a	n/a	n/a	n/a	0
26.60	n/a	n/a	n/a	n/a	0
26.80	n/a	n/a	n/a	n/a	0
27.00	n/a	n/a	n/a	n/a	0
27.10	n/a	n/a	n/a	n/a	0
27.20	n/a	n/a	n/a	n/a	0
27.30	n/a	n/a	n/a	n/a	0
27.40	n/a	n/a	n/a	n/a	0
27.50	n/a	n/a	n/a	n/a	0
27.60	n/a	n/a	n/a	n/a	0
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

SOUND

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
1500	n/a	n/a	n/a	1
1494	2.6	1497	1492	3
1490	1.9	1493	1488	6
1485	1.9	1489	1483	7
1481	2.0	1485	1479	7
1477	2.0	1481	1475	7
1473	2.3	1477	1470	7
1472	2.9	1476	1468	7
1472	2.8	1477	1469	7
1473	2.8	1478	1470	7
1474	3.1	1478	1470	7
1473	2.1	1475	1469	7
1472	1.5	1474	1470	6
1474	.7	1475	1473	5
1475	.8	1476	1474	5
1476	.5	1477	1476	5
1478	.5	1479	1478	5
1481	.8	1482	1480	5
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

STATION MP20 A U G U S T 1956 to 1990

TEMPERATURE

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	13.97	.280	14.51	13.60	11
24.40	13.08	.343	13.73	12.64	14
24.60	12.28	.386	13.00	11.64	21
24.80	11.30	.340	12.01	10.71	23
25.00	10.33	.362	10.86	9.55	24
25.20	9.10	.376	9.72	8.38	24
25.40	7.96	.371	8.64	7.27	24
25.60	6.91	.360	7.45	6.31	24
25.80	6.04	.375	6.79	5.36	24
26.00	5.63	.468	6.42	4.79	24
26.20	5.55	.395	6.22	4.96	24
26.40	5.50	.365	6.05	4.87	24
26.60	5.45	.410	6.10	4.62	24
26.80	4.77	.291	5.28	4.08	24
27.00	4.08	.150	4.35	3.72	22
27.10	3.87	.074	3.96	3.70	18
27.20	3.63	.042	3.68	3.53	17
27.30	3.33	.044	3.43	3.26	17
27.40	2.99	.038	3.08	2.92	17
27.50	2.61	.044	2.67	2.54	16
27.60	2.19	.039	2.25	2.16	4
27.70	1.70	.118	1.77	1.56	3
27.75	1.54	n/a	n/a	n/a	1
27.76	1.53	.007	1.54	1.53	2

SALINITY

MEAN	S.D.	MAX	MIN	N
32.415	.0726	32.534	32.297	11
32.460	.0751	32.585	32.315	14
32.505	.0798	32.670	32.386	21
32.525	.0711	32.670	32.400	23
32.543	.0733	32.670	32.409	24
32.563	.0757	32.676	32.417	24
32.586	.0695	32.703	32.450	24
32.649	.0431	32.737	32.578	24
32.761	.0623	32.881	32.654	24
32.951	.0735	33.089	32.825	24
33.194	.0609	33.294	33.104	24
33.437	.0558	33.522	33.344	24
33.682	.0610	33.783	33.560	24
33.835	.0408	33.910	33.741	24
33.994	.0198	34.032	33.946	22
34.092	.0102	34.104	34.071	18
34.188	.0067	34.195	34.176	17
34.277	.0052	34.288	34.269	17
34.363	.0047	34.373	34.355	17
34.447	.0059	34.453	34.438	16
34.531	.0054	34.536	34.529	4
34.605	.0080	34.612	34.593	3
34.653	n/a	n/a	n/a	1
34.664	.0000	34.665	34.663	2

DEPTH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	21	9.0	33	7	11
24.40	23	7.6	36	13	14
24.60	25	6.4	39	16	21
24.80	30	6.2	42	19	23
25.00	35	6.5	45	21	24
25.20	42	7.2	54	25	24
25.40	52	11.0	75	28	24
25.60	69	14.4	97	38	24
25.80	92	11.8	109	52	24
26.00	115	10.5	127	91	24
26.20	123	11.9	140	97	24
26.40	136	13.8	156	103	24
26.60	155	15.2	177	121	24
26.80	231	17.1	260	188	24
27.00	400	22.1	433	353	22
27.10	507	19.2	529	464	18
27.20	627	22.0	652	574	17
27.30	783	23.9	808	723	17
27.40	981	28.9	1014	917	17
27.50	1246	34.1	1289	1169	16
27.60	1680	55.8	1735	1604	4
27.70	2621	400.0	3079	2340	3
27.75	3387	n/a	n/a	n/a	1
27.76	3603	221.3	3759	3446	2

SVA

MEAN	S.D.	MAX	MIN	N
373.3	.20	373.6	373.0	11
354.5	.14	354.4	353.9	14
335.5	.13	335.4	334.8	21
316.5	.13	316.5	315.9	23
297.3	.15	297.6	296.9	24
278.3	.17	278.5	277.9	24
259.3	.19	259.7	258.9	24
240.5	.20	240.9	240.0	24
221.6	.17	221.9	221.2	24
202.7	.13	203.0	202.5	24
183.9	.13	184.2	183.7	24
165.1	.15	165.5	164.9	24
146.4	.22	146.8	146.0	24
128.0	.27	128.6	127.4	24
110.2	.30	110.7	109.4	22
101.4	.22	101.7	100.9	18
92.7	.22	92.9	92.1	17
83.9	.19	84.2	83.5	17
75.2	.16	75.5	74.8	17
66.4	.14	66.6	66.1	16
58.1	.14	58.2	57.9	4
49.7	.44	50.2	49.4	3
46.4	n/a	n/a	n/a	1
45.9	.57	46.3	45.5	2

THETA

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	13.97	.279	14.50	13.59	11
24.40	13.08	.342	13.72	12.64	14
24.60	12.27	.386	13.00	11.64	21
24.80	11.29	.341	12.01	10.71	23
25.00	10.32	.362	10.86	9.55	24
25.20	9.10	.374	9.71	8.38	24
25.40	7.95	.371	8.63	7.27	24
25.60	6.90	.359	7.44	6.31	24
25.80	6.03	.375	6.78	5.35	24
26.00	5.62	.468	6.41	4.78	24
26.20	5.54	.395	6.21	4.95	24
26.40	5.48	.366	6.04	4.86	24
26.60	5.44	.411	6.09	4.60	24
26.80	4.75	.290	5.26	4.07	24
27.00	4.05	.150	4.32	3.69	22
27.10	3.83	.074	3.92	3.66	18
27.20	3.58	.042	3.64	3.48	17
27.30	3.27	.041	3.37	3.21	17
27.40	2.92	.040	3.01	2.85	17
27.50	2.53	.045	2.59	2.45	16
27.60	2.07	.044	2.14	2.04	4
27.70	1.50	.150	1.59	1.33	3
27.75	1.37	n/a	n/a	n/a	1
27.76	1.25	.014	1.26	1.24	2

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
370.8	1.58	372.7	366.7	11
350.5	2.94	353.6	345.2	14
332.4	2.89	334.7	324.9	21
313.8	2.22	315.6	306.0	23
294.7	2.16	296.6	289.3	24
275.8	1.80	277.5	270.1	24
257.7	1.83	259.5	252.9	24
239.1	.25	239.2	237.2	24
220.2	.32	220.5	218.2	24
201.2	.35	201.5	200.1	24
182.1	.39	182.5	181.4	24
163.2	.27	163.5	162.3	24
144.4	.10	144.5	144.1	24
125.4	.03	125.5	125.3	24
106.3	.08	106.4	106.1	22
96.8	.06	96.9	96.7	18
87.7	.07	87.8	87.6	17
77.7	.03	77.8	77.7	17
68.2	.05	68.2	68.1	17
58.5	.09	58.6	58.4	16
48.6	.05	48.7	48.6	4
38.9	.21	39.1	38.7	3
33.8	n/a	n/a	n/a	1
32.8	.21	32.9	32.6	2

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DELTA D

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	.825	.3546	1.300	.260	11
24.40	.896	.2975	1.400	.510	14
24.60	.922	.2673	1.500	.600	21
24.80	1.071	.2509	1.600	.690	23
25.00	1.225	.2532	1.680	.780	24
25.20	1.414	.2618	1.950	.870	24
25.40	1.683	.3460	2.310	.950	24
25.60	2.115	.4228	2.860	1.300	24
25.80	2.665	.3362	3.140	1.830	24
26.00	3.089	.2228	3.450	2.690	24
26.20	3.308	.2280	3.640	2.860	24
26.40	3.521	.2466	3.870	2.980	24
26.60	3.823	.2649	4.250	3.240	24
26.80	4.861	.2999	5.460	4.090	24
27.00	6.894	.3437	7.490	6.180	22
27.10	8.052	.3074	8.550	7.340	18
27.20	9.215	.3357	9.770	8.390	17
27.30	10.605	.3405	11.160	9.820	17
27.40	12.199	.3857	12.800	11.370	17
27.50	14.081	.4123	14.660	13.180	16
27.60	16.957	.4847	17.500	16.350	4
27.70	22.047	1.9391	24.240	20.560	3
27.75	25.770	n/a	n/a	n/a	1
27.76	26.770	1.0324	27.500	26.040	2

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.10	.075	.22	.01	11
.12	.076	.28	.03	14
.15	.071	.29	.05	21
.17	.076	.33	.06	23
.22	.082	.35	.08	24
.30	.101	.51	.10	24
.43	.172	.82	.13	24
.71	.268	1.31	.21	24
1.16	.374	1.81	.52	24
1.60	.357	2.03	1.14	24
1.87	.300	2.24	1.24	24
2.15	.360	2.69	1.56	24
2.61	.434	3.27	1.95	24
4.66	.624	5.86	3.86	24
11.19	1.130	12.95	8.86	22
16.52	1.218	18.21	13.78	18
23.34	1.629	25.58	19.41	17
33.41	2.017	36.01	28.53	17
47.86	3.773	51.36	41.65	17
69.44	3.751	73.77	60.93	16
111.04	6.532	117.68	102.38	4
224.61	55.849	288.48	184.97	3
339.41	n/a	n/a	n/a	1
376.31	38.375	403.44	349.17	2

DELTA DH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	11.430	.4287	12.376	11.015	8
24.40	11.324	.3320	11.946	10.916	9
24.60	11.279	.2675	11.758	10.816	14
24.80	11.151	.2764	11.611	10.723	16
25.00	11.004	.2491	11.393	10.628	17
25.20	10.797	.2476	11.147	10.364	17
25.40	10.491	.2917	10.937	9.998	17
25.60	10.053	.2963	10.552	9.593	17
25.80	9.532	.2160	10.143	9.145	17
26.00	9.179	.1730	9.450	8.756	17
26.20	8.969	.1938	9.306	8.567	17
26.40	8.769	.2146	9.189	8.415	17
26.60	8.466	.2295	8.917	8.144	17
26.80	7.338	.1594	7.779	7.120	17
27.00	5.314	.1605	5.646	5.064	17
27.10	4.229	.1409	4.494	4.041	17
27.20	3.051	.1626	3.435	2.866	17
27.30	1.660	.1746	2.104	1.476	17
27.40	.066	.2171	.545	-0.177	17
27.50	-1.821	.2515	-1.252	-2.139	16
27.60	-4.568	.3792	-4.050	-4.938	4
27.70	-9.596	1.9730	-8.158	-11.845	3
27.75	-13.367	n/a	n/a	n/a	1
27.76	-14.370	1.0281	-13.643	-15.097	2

ACC. POT

MEAN	S.D.	MAX	MIN	N
12.339	.1810	12.630	12.112	8
12.288	.1735	12.605	12.070	9
12.186	.1880	12.563	11.808	14
12.141	.1814	12.514	11.765	16
12.079	.1750	12.454	11.716	17
12.004	.1747	12.378	11.651	17
11.914	.1762	12.290	11.565	17
11.795	.1755	12.127	11.441	17
11.636	.1734	11.927	11.272	17
11.439	.1642	11.710	11.084	17
11.219	.1512	11.473	10.879	17
10.979	.1371	11.210	10.657	17
10.715	.1246	10.921	10.411	17
10.375	.1136	10.540	10.097	17
9.811	.0958	9.929	9.587	17
9.407	.0791	9.498	9.254	17
8.909	.0628	8.978	8.760	17
8.292	.0416	8.340	8.194	17
7.517	.0175	7.544	7.476	17
6.538	.0162	6.564	6.514	16
5.305	.0244	5.337	5.280	4
3.628	.2008	3.857	3.481	3
2.577	n/a	n/a	n/a	1
2.438	.2369	2.606	2.271	2

OXYGEN

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	6.27	.276	6.46	6.07	2
24.40	6.42	.488	6.76	6.07	3
24.60	6.54	.453	7.02	6.12	3
24.80	6.72	.376	7.08	6.33	3
25.00	6.79	.316	6.94	6.54	3
25.20	6.85	.322	7.11	6.72	3
25.40	6.92	.333	7.25	6.63	3
25.60	6.81	.428	7.16	6.34	3
25.80	6.54	.465	6.82	6.00	3
26.00	6.15	.412	6.48	5.69	3
26.20	5.71	.316	6.04	5.41	3
26.40	5.22	.303	5.45	5.06	3
26.60	4.63	.334	4.80	4.36	3
26.80	3.01	.331	3.18	2.75	3
27.00	1.50	.118	1.60	1.37	3
27.10	1.02	.067	1.09	.96	3
27.20	.71	.061	.78	.67	3
27.30	.57	.085	.66	.49	3
27.40	.50	.070	.57	.43	3
27.50	.54	.057	.56	.50	3
27.60	1.01	.085	1.07	.95	2
27.70	2.10	.417	2.39	1.80	2
27.75	2.78	n/a	n/a	n/a	1
27.76	2.91	.092	2.98	2.85	2

SOUND

MEAN	S.D.	MAX	MIN	N
1501	.9	1503	1500	11
1498	1.3	1501	1497	14
1496	1.3	1498	1494	21
1492	1.3	1495	1490	23
1489	1.4	1491	1486	24
1485	1.5	1487	1482	24
1481	1.4	1483	1478	24
1477	1.2	1479	1475	24
1474	1.6	1477	1470	24
1473	1.9	1476	1469	24
1473	1.4	1475	1471	24
1473	1.5	1476	1471	24
1474	1.8	1477	1470	24
1472	1.4	1475	1469	24
1473	1.0	1474	1470	24
1474	.6	1474	1472	24
1475	.6	1475	1473	24
1476	.3	1476	1475	17
1478	.4	1479	1477	17
1481	.3	1481	1480	16
1486	1.0	1487	1485	4
1501	6.4	1508	1496	3
1513	n/a	n/a	n/a	1
1517	4.2	1520	1514	2

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TEMPERATURE

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	14.14	.297	14.34	13.62	5
24.40	13.24	.274	13.73	12.62	11
24.60	12.24	.380	13.07	11.57	15
24.80	11.21	.429	12.20	10.58	15
25.00	10.24	.478	11.37	9.64	15
25.20	9.32	.535	10.57	8.62	15
25.40	8.21	.635	9.70	7.55	15
25.60	7.04	.617	8.64	6.39	15
25.80	6.19	.566	7.30	5.30	15
26.00	5.81	.588	6.71	4.47	15
26.20	5.70	.542	6.57	4.59	15
26.40	5.67	.460	6.56	5.05	15
26.60	5.61	.473	6.44	4.75	15
26.80	4.80	.373	5.49	4.06	15
27.00	4.06	.102	4.26	3.89	13
27.10	3.84	.084	3.98	3.72	13
27.20	3.57	.063	3.69	3.49	13
27.30	3.29	.074	3.41	3.16	13
27.40	2.96	.075	3.12	2.85	13
27.50	2.58	.073	2.70	2.47	11
27.60	2.17	.068	2.22	2.09	3
27.70	1.79	n/a	n/a	n/a	1
27.75	1.60	n/a	n/a	n/a	1
27.76	1.55	n/a	n/a	n/a	1

SALINITY

MEAN	S.D.	MAX	MIN	N
32.442	.0764	32.488	32.306	5
32.478	.0733	32.585	32.300	11
32.512	.0976	32.706	32.313	15
32.538	.1076	32.764	32.348	15
32.567	.1140	32.820	32.408	15
32.605	.1152	32.873	32.466	15
32.634	.1233	32.922	32.508	15
32.674	.1103	32.960	32.557	15
32.785	.0909	32.966	32.645	15
32.979	.0884	33.120	32.782	15
33.217	.0832	33.354	33.054	15
33.463	.0717	33.604	33.372	15
33.707	.0725	33.838	33.579	15
33.840	.0526	33.940	33.740	15
33.990	.0131	34.017	33.968	13
34.089	.0114	34.107	34.072	13
34.181	.0091	34.195	34.170	13
34.273	.0079	34.286	34.257	13
34.360	.0083	34.378	34.347	13
34.443	.0086	34.456	34.431	11
34.528	.0066	34.534	34.521	3
34.615	n/a	n/a	n/a	1
34.658	n/a	n/a	n/a	1
34.666	n/a	n/a	n/a	1

DEPTH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	16	11.0	30	4	5
24.40	29	6.5	40	18	11
24.60	33	5.3	42	22	15
24.80	35	6.1	44	24	15
25.00	38	7.0	48	26	15
25.20	42	8.0	56	29	15
25.40	52	11.8	68	30	15
25.60	69	16.6	100	45	15
25.80	95	11.2	114	78	15
26.00	112	11.3	127	97	15
26.20	123	12.1	137	106	15
26.40	135	14.1	154	115	15
26.60	158	13.6	176	135	15
26.80	247	16.5	271	210	15
27.00	407	22.4	449	368	13
27.10	512	20.9	556	483	13
27.20	639	27.7	694	590	13
27.30	798	33.6	869	744	13
27.40	1000	36.8	1076	950	13
27.50	1286	57.6	1377	1212	11
27.60	1688	84.4	1785	1635	3
27.70	2356	n/a	n/a	n/a	1
27.75	3155	n/a	n/a	n/a	1
27.76	3504	n/a	n/a	n/a	1

SVA

MEAN	S.D.	MAX	MIN	N
373.3	.27	373.6	373.0	5
354.4	.17	354.8	354.2	11
335.3	.18	335.6	335.0	15
316.2	.23	316.6	315.9	15
297.3	.24	297.6	296.8	15
278.3	.21	278.5	277.9	15
259.4	.17	259.7	259.1	15
240.5	.18	240.8	240.2	15
221.7	.11	221.9	221.5	15
202.8	.11	203.0	202.6	15
183.9	.11	184.1	183.7	15
165.1	.10	165.3	165.0	15
146.5	.15	146.8	146.2	15
128.2	.29	128.6	127.6	15
110.2	.34	110.6	109.8	13
101.4	.22	101.8	101.1	13
92.7	.20	93.0	92.3	13
84.9	.16	84.3	83.8	13
75.2	.14	75.5	74.9	13
66.5	.18	66.9	66.2	11
58.0	.10	58.1	57.9	3
49.6	n/a	n/a	n/a	1
46.3	n/a	n/a	n/a	1
45.8	n/a	n/a	n/a	1

THETA

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	14.14	.296	14.33	13.62	5
24.40	13.24	.274	13.73	12.62	11
24.60	12.24	.379	13.07	11.57	15
24.80	11.21	.426	12.20	10.58	15
25.00	10.24	.477	11.36	9.64	15
25.20	9.31	.533	10.56	8.62	15
25.40	8.21	.635	9.69	7.55	15
25.60	7.04	.619	8.64	6.38	15
25.80	6.18	.567	7.29	5.29	15
26.00	5.80	.588	6.70	4.46	15
26.20	5.69	.542	6.56	4.58	15
26.40	5.66	.460	6.55	5.04	15
26.60	5.60	.472	6.43	4.74	15
26.80	4.78	.371	5.47	4.05	15
27.00	4.03	.102	4.23	3.86	13
27.10	3.80	.084	3.95	3.68	13
27.20	3.53	.064	3.64	3.44	13
27.30	3.24	.075	3.36	3.10	13
27.40	2.89	.078	3.05	2.78	13
27.50	2.49	.076	2.61	2.37	11
27.60	2.05	.068	2.10	1.97	3
27.70	1.62	n/a	n/a	n/a	1
27.75	1.36	n/a	n/a	n/a	1
27.76	1.27	n/a	n/a	n/a	1

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
372.2	.73	372.7	371.0	5
352.2	2.12	353.7	347.1	11
331.2	2.65	334.0	325.5	15
311.4	3.12	315.1	305.0	15
293.2	2.74	296.4	287.2	15
276.0	1.63	277.4	271.6	15
257.7	.87	258.5	255.4	15
239.1	.53	239.5	238.0	15
220.2	.26	220.5	219.7	15
201.2	.32	201.5	200.5	15
182.1	.30	182.4	181.5	15
163.3	.13	163.5	163.0	15
144.4	.04	144.4	144.3	15
125.4	.02	125.4	125.3	15
106.3	.09	106.4	106.1	13
96.8	.07	96.8	96.6	13
87.2	.07	87.3	87.1	13
77.7	.01	77.7	77.7	13
68.1	.07	68.2	68.0	13
58.5	.09	58.6	58.4	11
48.6	.06	48.7	48.6	3
39.1	n/a	n/a	n/a	1
33.9	n/a	n/a	n/a	1
32.8	n/a	n/a	n/a	1

STATION MP20 S E P T E M B E R 1956 to 1990

DELTA D

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	.610	.4267	1.150	.140	5
24.40	1.074	.2323	1.460	.680	11
24.60	1.171	.1932	1.530	.810	15
24.80	1.271	.2164	1.600	.880	15
25.00	1.360	.2394	1.670	.950	15
25.20	1.466	.2690	1.850	1.010	15
25.40	1.721	.3603	2.180	1.040	15
25.60	2.161	.4764	2.980	1.430	15
25.80	2.773	.3375	3.310	2.220	15
26.00	3.125	.2994	3.590	2.600	15
26.20	3.337	.3093	3.790	2.770	15
26.40	3.555	.3365	4.030	2.930	15
26.60	3.906	.3321	4.430	3.280	15
26.80	5.125	.2602	5.600	4.710	15
27.00	7.039	.3226	7.600	6.660	13
27.10	8.152	.3277	8.670	7.680	13
27.20	9.405	.3727	10.050	8.940	13
27.30	10.818	.4081	11.610	10.210	13
27.40	12.442	.4005	13.220	11.930	13
27.50	14.499	.4513	15.370	13.910	11
27.60	17.190	.6655	17.940	16.670	3
27.70	20.500	n/a	n/a	n/a	1
27.75	24.370	n/a	n/a	n/a	1
27.76	26.010	n/a	n/a	n/a	1

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.07	.077	.18	.00	5
.17	.070	.30	.06	11
.20	.064	.33	.09	15
.23	.075	.35	.11	15
.27	.090	.40	.12	15
.31	.110	.51	.14	15
.45	.175	.69	.16	15
.73	.315	1.39	.30	15
1.23	.290	1.75	.79	15
1.61	.304	2.09	1.16	15
1.87	.345	2.37	1.33	15
2.16	.409	2.65	1.51	15
2.68	.447	3.30	1.95	15
5.20	.544	6.05	4.07	15
11.60	1.135	13.77	9.83	13
16.84	1.334	19.66	15.13	13
24.25	2.006	28.01	20.93	13
34.70	2.838	40.51	30.31	13
49.72	3.588	57.46	44.80	13
73.74	6.105	84.68	65.36	11
113.13	11.462	126.36	106.30	3
185.53	n/a	n/a	n/a	1
295.53	n/a	n/a	n/a	1
352.07	n/a	n/a	n/a	1

DELTA DH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	11.874	.4900	12.468	11.391	4
24.40	11.268	.1332	11.445	11.074	10
24.60	11.162	.1473	11.394	10.943	13
24.80	11.067	.1288	11.343	10.897	13
25.00	10.983	.1297	11.258	10.813	13
25.20	10.880	.1341	11.102	10.693	13
25.40	10.616	.2174	10.930	10.292	13
25.60	10.154	.3623	10.731	9.378	13
25.80	9.578	.2499	9.862	9.054	13
26.00	9.254	.2539	9.690	8.776	13
26.20	9.054	.2543	9.525	8.571	13
26.40	8.846	.2625	9.341	8.386	13
26.60	8.494	.2427	8.901	8.055	13
26.80	7.223	.1678	7.585	6.978	13
27.00	5.325	.1780	5.605	5.046	13
27.10	4.213	.1510	4.389	3.904	13
27.20	2.961	.2077	3.336	2.559	13
27.30	1.548	.2595	1.966	1.001	13
27.40	-0.078	.2826	.300	-0.667	13
27.50	-2.120	.4306	-1.550	-2.826	11
27.60	-4.652	.6395	-4.248	-5.389	3
27.70	-8.152	n/a	n/a	n/a	1
27.75	-12.019	n/a	n/a	n/a	1
27.76	-13.660	n/a	n/a	n/a	1

ACC. POT.

MEAN	S.D.	MAX	MIN	N
12.513	.1637	12.688	12.336	4
12.342	.1933	12.627	11.966	10
12.278	.1957	12.558	11.917	13
12.212	.1887	12.482	11.866	13
12.140	.1798	12.400	11.814	13
12.064	.1699	12.312	11.760	13
11.977	.1566	12.206	11.705	13
11.863	.1401	12.068	11.644	13
11.705	.1303	11.889	11.526	13
11.507	.1262	11.683	11.357	13
11.288	.1258	11.484	11.112	13
11.049	.1273	11.273	10.841	13
10.783	.1311	11.037	10.544	13
10.428	.1249	10.682	10.191	13
9.847	.0994	10.055	9.678	13
9.441	.0828	9.610	9.312	13
8.938	.0650	9.065	8.830	13
8.311	.0370	8.389	8.256	13
7.520	.0112	7.535	7.489	13
6.527	.0330	6.574	6.455	11
5.247	.1311	5.340	5.097	3
3.680	n/a	n/a	n/a	1
2.820	n/a	n/a	n/a	1
2.640	n/a	n/a	n/a	1

OXYGEN

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	6.31	n/a	n/a	n/a	1
24.40	6.43	n/a	n/a	n/a	1
24.60	6.52	n/a	n/a	n/a	1
24.80	6.61	n/a	n/a	n/a	1
25.00	6.68	n/a	n/a	n/a	1
25.20	6.76	n/a	n/a	n/a	1
25.40	6.82	n/a	n/a	n/a	1
25.60	6.71	n/a	n/a	n/a	1
25.80	6.30	n/a	n/a	n/a	1
26.00	5.77	n/a	n/a	n/a	1
26.20	5.07	n/a	n/a	n/a	1
26.40	4.46	n/a	n/a	n/a	1
26.60	3.88	n/a	n/a	n/a	1
26.80	2.85	n/a	n/a	n/a	1
27.00	1.40	n/a	n/a	n/a	1
27.10	1.06	n/a	n/a	n/a	1
27.20	.78	n/a	n/a	n/a	1
27.30	.55	n/a	n/a	n/a	1
27.40	.54	n/a	n/a	n/a	1
27.50	.60	n/a	n/a	n/a	1
27.60	.91	n/a	n/a	n/a	1
27.70	1.78	n/a	n/a	n/a	1
27.75	2.82	n/a	n/a	n/a	1
27.76	2.89	n/a	n/a	n/a	1

SOUND

MEAN	S.D.	MAX	MIN	N
1502	1.1	1503	1500	5
1499	1.0	1501	1497	11
1496	1.5	1499	1493	15
1492	1.5	1496	1490	15
1489	1.8	1493	1486	15
1485	2.0	1490	1483	15
1481	2.4	1487	1479	15
1477	2.4	1483	1475	15
1474	2.4	1479	1471	15
1474	2.4	1477	1468	15
1474	2.2	1477	1469	15
1474	1.8	1477	1471	15
1474	2.0	1478	1471	15
1473	1.7	1476	1469	15
1472	.5	1473	1472	13
1473	.5	1474	1473	13
1474	.5	1475	1474	13
1476	.4	1477	1476	13
1478	.5	1479	1477	13
1481	.6	1482	1480	11
1487	1.2	1488	1486	3
1496	n/a	n/a	n/a	1
1509	n/a	n/a	n/a	1
1515	n/a	n/a	n/a	1

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TEMPERATURE

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	14.25	.092	14.32	14.19	2
24.40	13.14	.239	13.41	12.95	3
24.60	12.21	.289	12.54	12.02	3
24.80	11.32	.425	12.00	11.00	6
25.00	10.29	.460	11.04	9.79	8
25.20	9.19	.432	9.95	8.68	8
25.40	8.19	.430	8.90	7.68	8
25.60	7.13	.384	7.87	6.81	8
25.80	6.21	.187	6.50	6.00	8
26.00	5.81	.341	6.19	5.27	8
26.20	5.72	.301	6.23	5.36	8
26.40	5.70	.295	6.33	5.40	8
26.60	5.66	.282	6.26	5.36	8
26.80	4.84	.146	5.16	4.71	8
27.00	4.13	.065	4.22	4.05	8
27.10	3.90	.053	3.96	3.83	8
27.20	3.61	.034	3.64	3.54	8
27.30	3.31	.045	3.37	3.24	8
27.40	2.99	.043	3.08	2.94	8
27.50	2.61	.046	2.70	2.56	8
27.60	2.21	.057	2.31	2.18	5
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

SALINITY

MEAN	S.D.	MAX	MIN	N
32.500	.0000	32.504	32.496	2
32.491	.0928	32.545	32.384	3
32.537	.0867	32.592	32.437	3
32.546	.1048	32.664	32.431	6
32.569	.0942	32.712	32.477	8
32.607	.0847	32.733	32.524	8
32.648	.0770	32.758	32.554	8
32.686	.0679	32.815	32.628	8
32.786	.0277	32.830	32.756	8
32.979	.0529	33.033	32.897	8
33.217	.0473	33.294	33.160	8
33.466	.0456	33.564	33.422	8
33.713	.0439	33.808	33.669	8
33.845	.0211	33.890	33.825	8
34.000	.0066	34.011	33.989	8
34.096	.0058	34.104	34.087	8
34.186	.0062	34.191	34.177	8
34.275	.0052	34.282	34.267	8
34.363	.0036	34.373	34.358	8
34.448	.0048	34.457	34.444	8
34.533	.0092	34.540	34.531	5
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

DEPTH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	28	4.2	31	25	2
24.40	30	3.8	33	26	3
24.60	36	9.5	46	27	3
24.80	38	12.5	51	29	6
25.00	46	8.6	57	30	8
25.20	52	10.1	64	34	8
25.40	57	11.5	70	39	8
25.60	70	19.9	102	44	8
25.80	88	19.6	119	62	8
26.00	109	10.6	127	94	8
26.20	121	12.5	137	100	8
26.40	134	13.7	149	111	8
26.60	156	14.7	174	134	8
26.80	248	14.2	266	218	8
27.00	411	25.8	440	356	8
27.10	511	25.3	542	459	8
27.20	639	27.8	663	576	8
27.30	791	32.6	820	716	8
27.40	980	40.1	1031	892	8
27.50	1254	59.7	1331	1139	8
27.60	1636	83.9	1682	1487	5
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

SVA

MEAN	S.D.	MAX	MIN	N
373.4	.12	373.4	373.4	2
354.2	.32	354.6	354.0	3
335.1	.52	335.7	334.7	3
316.2	.45	316.7	315.5	6
297.4	.33	297.6	296.6	8
278.3	.26	278.5	277.7	8
259.4	.21	259.6	259.0	8
240.5	.23	240.9	240.2	8
221.6	.24	222.0	221.3	8
202.8	.15	203.1	202.6	8
183.9	.10	184.1	183.8	8
165.1	.11	165.3	165.0	8
146.5	.15	146.7	146.2	8
128.2	.16	128.4	127.9	8
110.2	.23	110.5	109.8	8
101.5	.24	101.8	101.0	8
92.7	.22	92.9	92.2	8
83.9	.19	84.1	83.5	8
75.2	.16	75.4	74.9	8
66.5	.21	66.8	66.1	8
57.9	.29	58.1	57.4	5
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

THETA

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	14.25	.092	14.32	14.19	2
24.40	13.14	.244	13.41	12.94	3
24.60	12.20	.295	12.54	12.01	3
24.80	11.31	.425	11.99	11.00	6
25.00	10.28	.459	11.03	9.79	8
25.20	9.19	.431	9.94	8.68	8
25.40	8.19	.432	8.90	7.67	8
25.60	7.13	.388	7.87	6.81	8
25.80	6.20	.188	6.50	5.99	8
26.00	5.80	.341	6.18	5.26	8
26.20	5.71	.301	6.22	5.35	8
26.40	5.69	.295	6.32	5.39	8
26.60	5.65	.282	6.25	5.35	8
26.80	4.82	.145	5.14	4.69	8
27.00	4.10	.063	4.19	4.02	8
27.10	3.87	.053	3.93	3.79	8
27.20	3.57	.036	3.60	3.49	8
27.30	3.26	.045	3.31	3.18	8
27.40	2.93	.045	3.02	2.87	8
27.50	2.53	.052	2.63	2.49	8
27.60	2.10	.064	2.21	2.06	5
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
370.2	2.26	371.8	368.6	2
349.3	4.84	353.5	344.0	3
328.7	5.97	333.4	322.0	3
312.6	5.14	315.6	302.4	6
293.7	3.99	296.6	284.9	8
273.8	2.58	277.2	269.1	8
256.3	1.58	258.4	254.3	8
239.5	.27	239.4	238.6	8
220.5	.30	220.5	219.8	8
201.5	.42	201.5	200.2	8
182.2	.28	182.5	181.7	8
163.3	.15	163.5	163.0	8
144.4	.06	144.5	144.3	8
125.4	.00	125.4	125.4	8
106.3	.06	106.4	106.2	8
96.8	.03	96.8	96.7	8
87.3	.05	87.3	87.2	8
77.7	.05	77.8	77.6	8
68.2	.07	68.3	68.1	8
58.5	.08	58.6	58.4	8
48.7	.17	49.0	48.6	5
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

STATION MP20 O C T O B E R 1956 to 1990

DELTA D

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	1.080	.1697	1.200	.960	2
24.40	1.143	.1358	1.270	1.000	3
24.60	1.350	.3100	1.660	1.040	3
24.80	1.322	.4170	1.710	.600	6
25.00	1.541	.2400	1.840	1.110	8
25.20	1.687	.2729	2.030	1.230	8
25.40	1.840	.3142	2.210	1.370	8
25.60	2.160	.5249	3.110	1.490	8
25.80	2.576	.5565	3.520	1.910	8
26.00	3.019	.3501	3.690	2.570	8
26.20	3.264	.3744	3.890	2.670	8
26.40	3.489	.3849	4.100	2.870	8
26.60	3.819	.3992	4.480	3.220	8
26.80	5.084	.3561	5.740	4.480	8
27.00	7.038	.4560	7.780	6.110	8
27.10	8.099	.4667	8.910	7.200	8
27.20	9.352	.4876	10.060	8.330	8
27.30	10.701	.5431	11.470	9.580	8
27.40	12.224	.5457	12.890	10.980	8
27.50	14.180	.6552	14.830	12.740	8
27.60	16.592	.9580	17.270	14.900	5
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.15	.049	.19	.12	2
.18	.040	.22	.14	3
.26	.121	.39	.15	3
.38	.147	.43	.06	6
.38	.118	.54	.17	8
.45	.148	.65	.21	8
.54	.189	.77	.26	8
.78	.386	1.48	.31	8
1.11	.469	1.94	.53	8
1.53	.326	2.16	1.13	8
1.83	.374	2.43	1.23	8
2.12	.419	2.73	1.44	8
2.52	.481	3.36	1.89	8
5.22	.586	6.20	4.11	8
11.82	1.369	13.49	8.90	8
16.85	1.653	19.18	13.45	8
24.25	2.106	26.24	19.49	8
34.17	2.828	36.95	27.74	8
48.01	3.855	52.25	39.28	8
70.53	6.354	78.34	57.61	8
105.89	10.700	111.59	86.82	5
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

DELTA DH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	11.246	.0806	11.303	11.189	2
24.40	11.360	.3099	11.707	11.111	3
24.60	11.157	.1033	11.223	11.038	3
24.80	11.072	.2619	11.492	10.795	6
25.00	10.760	.2852	11.153	10.326	8
25.20	10.614	.2990	11.034	10.148	8
25.40	10.463	.3111	10.898	9.973	8
25.60	10.141	.4482	10.774	9.487	8
25.80	9.726	.4276	10.356	9.181	8
26.00	9.282	.1797	9.521	8.978	8
26.20	9.038	.2079	9.424	8.770	8
26.40	8.812	.2116	9.226	8.600	8
26.60	8.482	.2008	8.870	8.327	8
26.80	7.219	.0654	7.323	7.125	8
27.00	5.265	.1817	5.601	5.008	8
27.10	4.202	.1880	4.512	3.956	8
27.20	2.948	.1942	3.374	2.773	8
27.30	1.598	.2363	2.129	1.366	8
27.40	.078	.2999	.731	-0.312	8
27.50	-1.878	.4421	-1.027	-2.463	8
27.60	-4.257	.5999	-3.193	-4.602	5
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

ACC. POT.

MEAN	S.D.	MAX	MIN	N
12.299	.0728	12.351	12.248	2
12.449	.3583	12.859	12.198	3
12.376	.3333	12.758	12.146	3
12.285	.2264	12.668	12.093	6
12.150	.2569	12.576	11.708	8
12.057	.2514	12.481	11.613	8
11.954	.2434	12.365	11.508	8
11.836	.2352	12.219	11.379	8
11.688	.2232	12.010	11.215	8
11.500	.2115	11.774	11.033	8
11.282	.1984	11.523	10.831	8
11.041	.1854	11.253	10.612	8
10.773	.1732	10.955	10.369	8
10.421	.1596	10.560	10.045	8
9.834	.1247	9.945	9.541	8
9.427	.1027	9.514	9.184	8
8.921	.0810	8.979	8.728	8
8.292	.0556	8.335	8.158	8
7.515	.0211	7.536	7.468	8
6.545	.0166	6.572	6.518	5
5.322	.0637	5.434	5.275	5
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

OXYGEN

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	6.42	n/a	n/a	n/a	1
25.00	6.54	n/a	n/a	n/a	1
25.20	6.65	n/a	n/a	n/a	1
25.40	6.75	n/a	n/a	n/a	1
25.60	6.80	n/a	n/a	n/a	1
25.80	6.53	n/a	n/a	n/a	1
26.00	6.07	n/a	n/a	n/a	1
26.20	5.65	n/a	n/a	n/a	1
26.40	5.25	n/a	n/a	n/a	1
26.60	4.85	n/a	n/a	n/a	1
26.80	3.27	n/a	n/a	n/a	1
27.00	1.75	n/a	n/a	n/a	1
27.10	1.32	n/a	n/a	n/a	1
27.20	.91	n/a	n/a	n/a	1
27.30	.78	n/a	n/a	n/a	1
27.40	.55	n/a	n/a	n/a	1
27.50	.71	n/a	n/a	n/a	1
27.60	1.08	n/a	n/a	n/a	1
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

SOUND

MEAN	S.D.	MAX	MIN	N
1503	7	1503	1502	2
1499	1.0	1500	1498	3
1496	1.2	1497	1495	3
1493	1.5	1495	1491	6
1489	1.8	1492	1487	8
1485	1.6	1488	1483	8
1482	1.4	1484	1480	8
1478	1.3	1480	1476	8
1474	1.1	1476	1473	8
1473	1.6	1475	1471	8
1473	1.1	1475	1472	8
1474	1.0	1476	1473	8
1475	1.2	1477	1473	8
1473	.6	1474	1472	8
1473	.5	1473	1472	8
1474	.7	1474	1472	8
1475	.4	1475	1474	8
1476	.4	1476	1475	8
1478	.5	1479	1477	8
1481	1.0	1482	1479	8
1486	.9	1486	1484	5
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

STATION MP20 N O V E M B E R 1956 to 1990

TEMPERATURE

SIGMA -T	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	8.96	.221	9.27	8.76	4
25.40	7.93	.252	8.27	7.66	5
25.60	6.96	.410	7.42	6.57	5
25.80	6.12	.290	6.56	5.80	5
26.00	6.01	.359	6.35	5.48	5
26.20	6.02	.470	6.60	5.35	5
26.40	5.94	.445	6.39	5.25	5
26.60	5.78	.347	6.03	5.18	5
26.80	5.00	.225	5.25	4.64	5
27.00	4.19	.056	4.26	4.13	5
27.10	3.95	.054	4.03	3.89	5
27.20	3.66	.026	3.70	3.63	5
27.30	3.35	.028	3.37	3.30	5
27.40	3.00	.036	3.03	2.95	5
27.50	2.62	.049	2.68	2.56	4
27.60	2.18	.020	2.20	2.16	3
27.70	1.76	n/a	n/a	n/a	1
27.75	1.55	n/a	n/a	n/a	1
27.76	n/a	n/a	n/a	n/a	0

SALINITY

SIGMA -T	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	32.527	.0526	32.593	32.471	4
25.40	33.589	.0558	33.668	33.531	5
25.60	33.659	.0639	33.731	33.601	5
25.80	33.773	.0474	33.846	33.719	5
26.00	33.011	.0548	33.061	32.929	5
26.20	33.266	.0757	33.359	33.159	5
26.40	33.506	.0681	33.576	33.400	5
26.60	33.732	.0537	33.771	33.640	5
26.80	33.867	.0323	33.903	33.816	5
27.00	34.007	.0062	34.017	33.999	5
27.10	34.101	.0101	34.112	34.094	5
27.20	34.192	.0000	34.198	34.187	5
27.30	34.279	.0057	34.282	34.273	5
27.40	34.365	.0053	34.368	34.361	5
27.50	34.449	.0047	34.454	34.443	4
27.60	34.530	.0016	34.532	34.528	3
27.70	34.610	n/a	n/a	n/a	1
27.75	34.654	n/a	n/a	n/a	1
27.76	n/a	n/a	n/a	n/a	0

DEPTH

SIGMA -T	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	50	17.4	66	25	4
25.40	67	4.9	74	62	5
25.60	77	9.7	88	69	5
25.80	95	8.5	104	83	5
26.00	111	8.2	117	97	5
26.20	121	10.1	132	105	5
26.40	132	11.4	147	115	5
26.60	153	13.0	176	146	5
26.80	236	13.2	251	217	5
27.00	403	16.8	427	381	5
27.10	504	13.4	525	493	5
27.20	634	9.9	650	626	5
27.30	787	20.4	822	771	5
27.40	983	49.2	1069	952	5
27.50	1270	86.6	1394	1207	4
27.60	1702	122.0	1830	1587	3
27.70	2416	n/a	n/a	n/a	1
27.75	3265	n/a	n/a	n/a	1
27.76	n/a	n/a	n/a	n/a	0

SVA

SIGMA -T	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	278.4	.26	278.6	278.0	4
25.40	259.5	.11	259.7	259.4	5
25.60	240.6	.05	240.6	240.5	5
25.80	221.7	.04	221.7	221.6	5
26.00	202.9	.08	203.0	202.8	5
26.20	184.0	.11	184.2	183.9	5
26.40	165.2	.19	165.5	165.0	5
26.60	146.5	.23	146.8	146.2	5
26.80	128.1	.27	128.4	127.7	5
27.00	110.3	.21	110.6	110.0	5
27.10	101.5	.18	101.8	101.4	5
27.20	92.8	.13	93.0	92.7	5
27.30	84.0	.13	84.2	83.9	5
27.40	75.2	.27	75.7	75.1	5
27.50	66.6	.36	67.1	66.3	4
27.60	58.1	.50	58.6	57.6	3
27.70	49.3	n/a	n/a	n/a	1
27.75	46.2	n/a	n/a	n/a	1
27.76	n/a	n/a	n/a	n/a	0

THETA

SIGMA -T	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	8.96	.218	9.26	8.76	4
25.40	7.92	.251	8.26	7.65	5
25.60	6.96	.404	7.41	6.57	5
25.80	6.11	.287	6.55	5.80	5
26.00	5.99	.356	6.34	5.47	5
26.20	6.01	.470	6.59	5.34	5
26.40	5.93	.445	6.38	5.24	5
26.60	5.76	.346	6.02	5.17	5
26.80	4.98	.225	5.23	4.62	5
27.00	4.16	.053	4.22	4.10	5
27.10	3.91	.052	3.96	3.85	5
27.20	3.61	.026	3.65	3.58	5
27.30	3.29	.029	3.31	3.24	5
27.40	2.93	.039	2.97	2.88	5
27.50	2.53	.057	2.60	2.46	4
27.60	2.07	.035	2.10	2.03	3
27.70	1.59	n/a	n/a	n/a	1
27.75	1.30	n/a	n/a	n/a	1
27.76	n/a	n/a	n/a	n/a	0

SVA (THETA)

SIGMA -T	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	276.3	.94	277.5	275.3	4
25.40	257.0	1.22	258.4	255.5	5
25.60	239.0	.30	239.5	238.5	5
25.80	220.1	.33	220.5	219.9	5
26.00	201.0	.50	201.3	200.1	5
26.20	182.2	.25	182.4	181.9	5
26.40	163.2	.24	163.4	162.8	5
26.60	144.4	.11	144.5	144.2	5
26.80	125.4	.00	125.4	125.4	5
27.00	106.3	.05	106.4	106.3	5
27.10	96.8	.00	96.8	96.8	5
27.20	87.2	.10	87.3	87.1	5
27.30	77.7	.01	77.7	77.7	5
27.40	68.1	.08	68.2	68.0	5
27.50	58.4	.13	58.6	58.3	4
27.60	48.6	.15	48.8	48.5	3
27.70	39.1	n/a	n/a	n/a	1
27.75	33.9	n/a	n/a	n/a	1
27.76	n/a	n/a	n/a	n/a	0

STATION MP20 N O V E M B E R 1956 to 1990

DELTA D

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	1.442	.5385	1.970	.690	4
25.40	1.912	.1277	2.070	1.770	5
25.60	2.170	.2090	2.410	1.960	5
25.80	2.586	.1746	2.790	2.360	5
26.00	2.926	.1545	3.070	2.670	5
26.20	3.126	.1899	3.320	2.820	5
26.40	3.320	.2140	3.600	3.000	5
26.60	3.636	.2286	4.040	3.490	5
26.80	4.770	.2123	5.070	4.490	5
27.00	6.768	.2630	7.180	6.450	5
27.10	7.840	.2309	8.230	7.650	5
27.20	9.122	.1980	9.460	8.940	5
27.30	10.480	.2871	10.990	10.330	5
27.40	12.060	.5244	12.980	11.730	5
27.50	14.122	.8220	15.320	13.570	4
27.60	16.883	1.1184	18.100	15.900	3
27.70	21.270	n/a	n/a	n/a	1
27.75	25.400	n/a	n/a	n/a	1
27.76	n/a	n/a	n/a	n/a	0

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
.41	.239	.67	.09	4
.66	.096	.79	.55	5
.85	.190	1.07	.68	5
1.22	.195	1.45	.97	5
1.58	.194	1.76	1.25	5
1.82	.253	2.06	1.40	5
2.07	.301	2.45	1.61	5
2.54	.371	3.19	2.26	5
4.79	.470	5.43	4.14	5
11.31	.940	12.73	10.13	5
16.31	.948	17.89	15.54	5
23.79	.900	25.27	22.93	5
33.71	1.796	36.87	32.51	5
48.15	4.615	56.21	45.26	5
72.06	9.541	85.86	65.40	4
114.25	16.387	131.89	99.50	3
201.21	n/a	n/a	n/a	1
322.15	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0

DELTA DH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	10.673	.5348	11.346	10.102	4
25.40	10.194	.2205	10.559	9.999	5
25.60	9.938	.2818	10.326	9.659	5
25.80	9.521	.2647	9.888	9.280	5
26.00	9.182	.1883	9.401	9.006	5
26.20	8.981	.1770	9.252	8.809	5
26.40	8.788	.1624	9.068	8.653	5
26.60	8.472	.0983	8.581	8.329	5
26.80	7.339	.1014	7.505	7.243	5
27.00	5.342	.1286	5.541	5.192	5
27.10	4.267	.0875	4.350	4.136	5
27.20	2.985	.0541	3.052	2.911	5
27.30	1.627	.1439	1.733	1.377	5
27.40	.047	.3789	.292	-0.613	5
27.50	-2.003	.6627	-1.524	-2.954	4
27.60	-4.750	.9181	-3.908	-5.729	3
27.70	-8.905	n/a	n/a	n/a	1
27.75	-13.028	n/a	n/a	n/a	1
27.76	n/a	n/a	n/a	n/a	0

ACC. POT.

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
12.059	.1705	12.306	11.938	4
11.941	.1510	12.195	11.824	5
11.805	.1527	12.068	11.693	5
11.643	.1529	11.914	11.551	5
11.447	.1545	11.722	11.350	5
11.227	.1477	11.487	11.121	5
10.988	.1389	11.226	10.875	5
10.723	.1231	10.925	10.612	5
10.382	.0996	10.544	10.292	5
9.823	.0724	9.946	9.769	5
9.421	.0612	9.526	9.374	5
8.921	.0501	9.006	8.876	5
8.297	.0415	8.368	8.261	5
7.519	.0227	7.559	7.505	5
6.547	.0306	6.569	6.504	4
5.262	.1226	5.340	5.121	3
3.175	n/a	n/a	n/a	1
2.278	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0

OXYGEN

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	6.51	.290	6.71	6.30	2
25.40	6.41	.502	6.76	6.05	3
25.60	6.29	.629	6.73	5.84	3
25.80	6.10	.431	6.40	5.79	3
26.00	4.66	1.563	5.76	3.55	3
26.20	4.67	.700	5.17	4.18	3
26.40	4.87	.417	5.16	4.57	3
26.60	4.21	.332	4.45	3.98	2
26.80	2.72	.205	2.87	2.58	2
27.00	1.29	.042	1.32	1.26	2
27.10	.85	.028	.87	.83	2
27.20	.61	.028	.63	.59	2
27.30	.55	.198	.69	.41	2
27.40	.64	.431	.95	.34	2
27.50	.84	.537	1.22	.46	2
27.60	1.22	.382	1.49	.95	2
27.70	1.81	n/a	n/a	n/a	1
27.75	2.63	n/a	n/a	n/a	1
27.76	n/a	n/a	n/a	n/a	0

SOUND

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
1484	.8	1485	1483	4
1481	.9	1482	1480	5
1477	1.6	1479	1476	5
1474	1.1	1476	1473	5
1474	1.5	1476	1472	5
1475	1.9	1477	1472	5
1475	2.0	1477	1472	5
1475	1.6	1476	1472	5
1473	1.5	1475	1471	5
1473	.7	1474	1472	5
1474	.4	1474	1473	5
1475	.0	1475	1475	5
1476	.4	1477	1476	5
1478	.4	1479	1478	5
1481	1.3	1483	1480	4
1487	2.0	1489	1485	3
1497	n/a	n/a	n/a	1
1511	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0

STATION MP20 D E C E M B E R 1956 to 1990

TEMPERATURE

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	7.96	.388	8.75	7.50	11
25.60	7.09	.390	7.85	6.26	13
25.80	6.30	.459	6.98	5.25	13
26.00	5.61	.484	6.22	4.66	13
26.20	5.49	.399	6.08	4.73	13
26.40	5.53	.322	6.06	5.09	13
26.60	5.58	.390	6.16	4.92	13
26.80	4.85	.344	5.30	4.08	13
27.00	4.08	.120	4.22	3.83	12
27.10	3.85	.073	3.95	3.76	12
27.20	3.60	.061	3.70	3.50	12
27.30	3.31	.045	3.39	3.24	12
27.40	2.99	.038	3.06	2.94	12
27.50	2.63	.050	2.70	2.55	11
27.60	2.12	n/a	n/a	n/a	1
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

SALINITY

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	32.583	.0717	32.728	32.492	11
25.60	32.688	.0631	32.816	32.539	13
25.80	32.807	.0721	32.909	32.643	13
26.00	32.947	.0732	33.038	32.807	13
26.20	33.185	.0614	33.271	33.073	13
26.40	33.442	.0489	33.521	33.374	13
26.60	33.705	.0594	33.791	33.605	13
26.80	33.847	.0478	33.910	33.742	13
27.00	33.994	.0149	34.011	33.961	12
27.10	34.090	.0095	34.103	34.078	12
27.20	34.185	.0067	34.197	34.173	12
27.30	34.275	.0057	34.284	34.267	12
27.40	34.363	.0060	34.371	34.359	12
27.50	34.448	.0051	34.456	34.441	11
27.60	34.524	n/a	n/a	n/a	1
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

DEPTH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	74	10.5	90	55	11
25.60	83	10.5	103	70	13
25.80	93	10.5	113	74	13
26.00	109	12.4	126	83	13
26.20	123	12.0	143	103	13
26.40	136	11.9	161	120	13
26.60	158	14.4	186	137	13
26.80	244	25.7	295	202	13
27.00	408	31.6	468	378	12
27.10	513	32.0	576	486	12
27.20	638	36.6	707	591	12
27.30	792	38.2	865	746	12
27.40	988	35.4	1053	946	12
27.50	1258	76.7	1443	1183	11
27.60	1763	n/a	n/a	n/a	1
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

SVA

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	259.7	.18	260.1	259.4	11
25.60	240.6	.13	240.9	240.5	13
25.80	221.6	.14	221.9	221.5	13
26.00	202.7	.13	203.1	202.6	13
26.20	183.9	.14	184.2	183.7	13
26.40	165.1	.16	165.5	164.9	13
26.60	146.5	.17	146.8	146.2	13
26.80	128.1	.35	129.0	127.8	13
27.00	110.2	.31	110.8	109.9	12
27.10	101.5	.30	102.0	101.1	12
27.20	92.7	.30	93.3	92.4	12
27.30	83.9	.26	84.4	83.6	12
27.40	75.2	.19	75.6	75.0	12
27.50	66.5	.37	67.5	66.1	11
27.60	58.1	n/a	n/a	n/a	1
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

THETA

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	7.95	.387	8.74	7.50	11
25.60	7.09	.389	7.84	6.25	13
25.80	6.30	.458	6.97	5.24	13
26.00	5.60	.484	6.21	4.65	13
26.20	5.48	.399	6.07	4.72	13
26.40	5.52	.321	6.05	5.08	13
26.60	5.57	.390	6.15	4.91	13
26.80	4.83	.343	5.27	4.06	13
27.00	4.05	.120	4.19	3.80	12
27.10	3.82	.074	3.91	3.72	12
27.20	3.56	.058	3.66	3.46	12
27.30	3.35	.045	3.33	3.19	12
27.40	3.12	.040	3.00	2.87	12
27.50	2.84	.054	2.62	2.46	11
27.60	2.00	n/a	n/a	n/a	1
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

SVA (THETA)

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	258.0	.60	258.5	256.5	11
25.60	238.6	1.06	239.5	236.7	13
25.80	219.9	.81	220.5	218.2	13
26.00	201.3	.22	201.5	200.8	13
26.20	182.1	.41	182.5	181.1	13
26.40	163.3	.22	163.5	162.7	13
26.60	144.4	.10	144.5	144.2	13
26.80	125.4	.03	125.4	125.3	13
27.00	106.3	.08	106.4	106.2	12
27.10	96.8	.07	96.9	96.6	12
27.20	87.2	.07	87.4	87.2	12
27.30	77.7	.01	77.7	77.7	12
27.40	68.1	.07	68.2	68.0	12
27.50	58.5	.09	58.6	58.4	11
27.60	48.6	n/a	n/a	n/a	1
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

STATION MP20 D E C E M B E R 1956 to 1998

DELTA D

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	2.016	.2654	2.460	1.510	11
25.60	2.216	.2486	2.590	1.920	13
25.80	2.436	.2534	2.810	2.010	13
26.00	2.792	.3003	3.240	2.200	13
26.20	3.059	.2834	3.540	2.600	13
26.40	3.286	.2819	3.870	2.970	13
26.60	3.625	.3047	4.250	3.290	13
26.80	4.000	.4443	5.710	4.130	13
27.00	6.736	.4819	7.790	6.290	12
27.10	7.861	.4936	8.950	7.370	12
27.20	9.088	.5378	10.240	8.410	12
27.30	10.457	.5498	11.670	9.780	12
27.40	12.032	.5104	13.070	11.380	12
27.50	13.977	.7182	15.210	13.080	11
27.60	17.620	n/a	n/a	n/a	1
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

POT. ENERGY

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	.78	.210	1.13	.42	11
25.60	.95	.230	1.36	.69	13
25.80	1.15	.248	1.61	.75	13
26.00	1.52	.324	2.00	.91	13
26.20	1.84	.346	2.42	1.28	13
26.40	2.14	.377	2.94	1.71	13
26.60	2.65	.466	3.62	2.08	13
26.80	5.10	1.008	7.19	3.60	13
27.00	11.61	1.921	15.31	9.90	12
27.10	16.93	2.225	21.52	14.97	12
27.20	24.20	2.943	30.03	20.62	12
27.30	34.24	3.576	41.53	30.04	12
27.40	48.65	3.813	55.91	43.95	12
27.50	71.15	8.252	89.71	62.54	11
27.60	123.63	n/a	n/a	n/a	1
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

DELTA DH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	10.041	.2218	10.402	9.643	10
25.60	9.849	.2020	10.173	9.449	12
25.80	9.626	.2283	10.023	9.272	12
26.00	9.289	.2192	9.806	9.098	12
26.20	9.028	.1981	9.412	8.745	12
26.40	8.808	.1678	9.043	8.522	12
26.60	8.475	.1755	8.708	8.190	12
26.80	7.286	.2022	7.593	6.922	12
27.00	5.309	.2363	5.628	4.903	12
27.10	4.185	.2341	4.429	3.745	12
27.20	2.957	.2774	3.307	2.452	12
27.30	1.590	.2948	1.936	1.027	12
27.40	.014	.2724	.334	-0.486	12
27.50	-1.915	.5727	-1.365	-3.297	11
27.60	-5.201	n/a	n/a	n/a	1
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

ACC. POT.

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	11.960	.2684	12.596	11.654	10
25.60	11.845	.2797	12.420	11.498	12
25.80	11.678	.2666	12.240	11.329	12
26.00	11.489	.2520	12.021	11.147	12
26.20	11.271	.2394	11.771	10.947	12
26.40	11.031	.2270	11.501	10.730	12
26.60	10.765	.2152	11.206	10.493	12
26.80	10.420	.1908	10.815	10.189	12
27.00	9.839	.1423	10.129	9.684	12
27.10	9.433	.1163	9.667	9.298	12
27.20	8.927	.0874	9.100	8.817	12
27.30	8.299	.0515	8.400	8.240	12
27.40	7.521	.0185	7.558	7.495	12
27.50	6.538	.0201	6.561	6.503	11
27.60	5.164	n/a	n/a	n/a	1
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

OXYGEN

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	n/a	n/a	n/a	n/a	0
25.60	n/a	n/a	n/a	n/a	0
25.80	n/a	n/a	n/a	n/a	0
26.00	n/a	n/a	n/a	n/a	0
26.20	n/a	n/a	n/a	n/a	0
26.40	n/a	n/a	n/a	n/a	0
26.60	n/a	n/a	n/a	n/a	0
26.80	n/a	n/a	n/a	n/a	0
27.00	n/a	n/a	n/a	n/a	0
27.10	n/a	n/a	n/a	n/a	0
27.20	n/a	n/a	n/a	n/a	0
27.30	n/a	n/a	n/a	n/a	0
27.40	n/a	n/a	n/a	n/a	0
27.50	n/a	n/a	n/a	n/a	0
27.60	n/a	n/a	n/a	n/a	0
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

SOUND

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	1481	1.5	1484	1479	11
25.60	1478	1.8	1481	1474	13
25.80	1475	1.8	1478	1471	13
26.00	1473	2.0	1475	1469	13
26.20	1473	1.8	1475	1469	13
26.40	1473	1.4	1476	1472	13
26.60	1474	1.7	1477	1472	13
26.80	1473	1.6	1476	1470	13
27.00	1473	.9	1474	1471	12
27.10	1473	.8	1475	1473	12
27.20	1475	.8	1476	1474	12
27.30	1476	.5	1477	1475	12
27.40	1478	.7	1479	1477	12
27.50	1481	1.1	1484	1480	11
27.60	1488	n/a	n/a	n/a	1
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

Table 20. As in Table 4, for Station 11 (P22).

Table 20: STATION MP22 A L L D A T A (JANUARY-DECEMBER) 1956 to 1990

TEMPERATURE

PRESS	MEAN	S.D.	MAX	MIN	N
0	9.28	2.972	15.20	4.63	145
10	9.25	2.938	15.21	4.63	145
20	9.07	2.827	14.40	4.62	145
30	8.51	2.362	14.14	4.62	145
50	7.14	1.187	12.56	4.61	145
75	6.31	.746	8.76	4.61	145
100	5.67	.551	7.33	4.49	145
125	5.33	.410	6.33	4.35	145
150	5.32	.431	6.33	4.42	145
175	5.19	.424	6.20	4.15	145
200	4.98	.397	6.04	4.02	145
225	4.75	.361	5.93	3.93	145
250	4.56	.340	5.81	3.80	145
300	4.29	.258	5.40	3.70	144
400	4.00	.150	4.37	3.60	138
500	3.84	.101	4.08	3.56	134
600	3.65	.081	3.87	3.41	134
700	3.46	.070	3.67	3.28	134
800	3.28	.065	3.52	3.11	134
900	3.11	.054	3.30	2.98	134
1000	2.95	.051	3.14	2.84	134
1200	2.67	.039	2.79	2.58	130
1500	2.34	.035	2.44	2.27	88
2000	1.96	.024	1.99	1.90	27
2500	1.74	.020	1.78	1.70	7
3000	1.59	.026	1.64	1.56	7
3500	1.54	.017	1.56	1.52	4

SALINITY

MEAN	S.D.	MAX	MIN	N
32.580	.1059	32.864	32.255	145
32.577	.1023	32.847	32.336	145
32.580	.1020	32.837	32.327	145
32.590	.0986	32.833	32.374	145
32.630	.1028	32.890	32.385	145
32.666	.1002	32.950	32.460	145
32.804	.1757	33.548	32.491	145
33.210	.2684	33.806	32.686	145
33.600	.1880	33.890	33.811	145
33.749	.1011	33.920	33.296	145
33.807	.0588	33.928	33.631	145
33.831	.0476	33.947	33.685	145
33.851	.0420	33.963	33.720	145
33.894	.0310	33.972	33.808	144
33.997	.0279	34.068	33.896	138
34.095	.0225	34.147	34.037	134
34.174	.0202	34.236	34.117	134
34.239	.0202	34.315	34.184	134
34.293	.0195	34.368	34.248	134
34.338	.0181	34.412	34.288	134
34.376	.0164	34.424	34.331	134
34.437	.0165	34.492	34.382	130
34.508	.0169	34.570	34.454	88
34.586	.0184	34.633	34.542	27
34.630	.0103	34.639	34.612	7
34.658	.0093	34.666	34.641	7
34.669	.0092	34.677	34.655	4

SIGMA T

PRESS	MEAN	S.D.	MAX	MIN	N
0	25.159	.5377	25.915	23.899	145
10	25.163	.5311	25.894	24.057	145
20	25.196	.5077	25.888	24.111	145
30	25.303	.4180	25.886	24.265	145
50	25.552	.2101	25.905	24.478	145
75	25.693	.1398	25.975	25.287	145
100	25.882	.1564	26.443	25.490	145
125	26.243	.1979	26.655	25.836	145
150	26.551	.1349	26.754	26.003	145
175	26.684	.0750	26.797	26.339	145
200	26.755	.0430	26.853	26.600	145
225	26.799	.0339	26.883	26.698	145
250	26.836	.0317	26.917	26.748	145
300	26.899	.0294	26.959	26.816	144
400	27.011	.0274	27.074	26.923	138
500	27.106	.0231	27.155	27.047	134
600	27.187	.0208	27.231	27.127	134
700	27.258	.0200	27.321	27.198	134
800	27.318	.0183	27.379	27.269	134
900	27.369	.0164	27.427	27.326	134
1000	27.414	.0146	27.452	27.369	134
1200	27.488	.0143	27.535	27.442	130
1500	27.572	.0146	27.620	27.525	88
2000	27.666	.0157	27.707	27.629	27
2500	27.718	.0080	27.725	27.704	7
3000	27.751	.0082	27.757	27.738	7
3500	27.763	.0086	27.770	27.751	4

SVA

MEAN	S.D.	MAX	MIN	N
281.6	51.17	401.6	209.7	145
281.4	50.60	386.8	211.7	145
278.4	48.42	381.9	212.4	145
268.4	39.90	367.4	212.8	145
244.9	20.08	347.5	211.2	145
231.7	13.38	270.6	204.7	145
213.8	14.89	251.3	160.7	145
179.8	18.73	218.4	140.9	145
150.9	12.76	202.6	131.5	145
138.5	7.14	171.2	127.7	145
132.0	4.15	147.0	122.7	145
128.0	3.31	137.8	120.0	145
124.6	3.11	133.2	117.0	145
118.9	2.89	127.1	113.1	144
109.0	2.68	117.4	102.9	138
100.7	2.25	106.4	96.0	134
93.6	2.05	99.5	89.5	134
87.5	1.95	93.4	81.5	134
82.3	1.80	87.1	76.5	134
77.7	1.60	82.0	72.4	134
73.8	1.45	78.4	70.3	134
67.4	1.35	71.7	62.9	130
60.1	1.40	64.6	55.7	88
51.9	1.52	55.4	47.9	27
47.8	.71	49.0	47.0	7
45.3	.85	46.8	44.6	7
45.3	.81	46.4	44.5	4

THETA

PRESS	MEAN	S.D.	MAX	MIN	N
0	9.28	2.972	15.20	4.63	145
10	9.25	2.938	15.21	4.63	145
20	9.07	2.827	14.40	4.62	145
30	8.51	2.362	14.14	4.62	145
50	7.13	1.185	12.55	4.61	145
75	6.30	.746	8.75	4.60	145
100	5.66	.551	7.32	4.49	145
125	5.32	.410	6.32	4.34	145
150	5.31	.430	6.31	4.41	145
175	5.18	.423	6.18	4.14	145
200	4.96	.396	6.02	4.00	145
225	4.73	.360	5.91	3.91	145
250	4.54	.340	5.79	3.78	145
300	4.27	.258	5.38	3.68	144
400	3.97	.149	4.34	3.58	138
500	3.80	.100	4.05	3.53	134
600	3.61	.081	3.83	3.37	134
700	3.41	.069	3.62	3.24	134
800	3.23	.065	3.47	3.06	134
900	3.05	.054	3.24	2.92	134
1000	2.88	.051	3.07	2.77	134
1200	2.59	.038	2.71	2.50	130
1500	2.34	.035	2.33	2.16	88
2000	1.82	.024	1.85	1.76	27
2500	1.56	.020	1.58	1.52	7
3000	1.37	.027	1.42	1.34	7
3500	1.27	.017	1.29	1.25	4

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
281.6	51.17	401.6	209.7	145
281.2	50.54	386.5	211.6	145
278.0	48.31	381.3	212.2	145
267.9	39.76	366.6	212.4	145
244.1	19.98	346.3	210.6	145
230.7	13.28	269.2	203.9	145
212.7	14.86	249.9	159.4	145
178.4	18.80	217.1	139.3	145
149.1	12.81	201.2	129.9	145
136.5	7.11	169.3	125.8	145
129.7	4.07	144.4	120.5	145
125.5	3.22	135.2	117.6	145
122.0	3.00	130.3	114.4	145
116.0	2.77	123.9	110.3	144
105.3	2.60	113.7	99.4	138
96.3	2.18	101.8	91.7	134
88.5	1.98	94.2	84.4	134
81.8	1.89	87.5	75.8	134
76.1	1.74	80.7	70.3	134
71.1	1.55	75.2	65.7	134
66.8	1.40	71.1	63.2	134
59.8	1.33	64.1	55.3	130
51.7	1.37	56.1	47.1	88
42.6	1.49	46.1	38.7	27
37.4	.76	38.8	36.8	7
34.0	.81	35.2	33.4	7
32.5	.83	33.7	31.9	4

STATION MP22 A L L D A T A (JANUARY-DECEMBER) 1956 to 1990

DELTA D

PRESS	MEAN	S.D.	MAX	MIN	N
0	.000	.0000	.000	.000	145
10	.283	.0511	.400	.210	145
20	.563	.1009	.780	.420	145
30	.838	.1446	1.130	.640	145
50	1.350	.1902	1.760	1.060	145
75	1.947	.2083	2.500	1.590	145
100	2.502	.2161	3.120	2.130	145
125	2.996	.2241	3.700	2.530	145
150	3.407	.2330	4.190	2.880	145
175	3.766	.2408	4.570	3.220	145
200	4.103	.2465	4.920	3.540	145
225	4.427	.2501	5.260	3.850	145
250	4.743	.2551	5.590	4.150	145
300	5.351	.2625	6.230	4.750	144
400	6.484	.2807	7.420	5.860	138
500	7.531	.2962	8.520	6.870	134
600	8.501	.3080	9.520	7.810	134
700	9.406	.3194	10.440	8.690	134
800	10.254	.3317	11.310	9.520	134
900	11.054	.3408	12.120	10.310	134
1000	11.811	.3506	12.900	11.030	134
1200	13.219	.3689	14.320	12.370	130
1500	15.092	.3944	16.270	14.150	88
2000	18.047	.4289	19.070	16.970	27
2500	20.627	.3881	20.940	20.110	7
3000	22.957	.3139	23.330	22.430	7
3500	25.225	.4770	25.640	24.680	4

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.00	.000	.00	.00	145
.01	.005	.02	.01	145
.06	.010	.08	.04	145
.13	.022	.17	.10	145
.34	.041	.45	.27	145
.72	.056	.92	.61	145
1.21	.071	1.46	1.06	145
1.78	.096	2.14	1.50	145
2.35	.130	2.81	1.99	145
2.95	.159	3.45	2.54	145
3.59	.178	4.12	3.16	145
4.29	.192	4.86	3.85	145
5.06	.205	5.65	4.57	145
6.76	.337	7.44	6.19	144
10.81	.311	11.68	10.13	138
15.61	.399	16.71	14.83	134
21.05	.496	22.31	20.05	134
27.04	.609	28.60	25.89	134
33.52	.732	35.47	31.76	134
40.45	.858	42.78	38.18	134
47.78	.985	50.57	45.09	134
63.57	1.239	67.07	60.01	130
89.63	1.758	93.62	84.47	88
140.26	2.495	147.01	134.33	27
197.51	3.465	201.17	194.39	7
262.82	3.258	267.64	259.52	7
339.87	4.798	344.73	335.73	4

OXYGEN

PRESS	MEAN	S.D.	MAX	MIN	N
0	6.58	.338	7.06	5.92	14
10	6.60	.368	7.19	6.06	14
20	6.61	.350	7.22	6.15	14
30	6.73	.339	7.24	6.21	14
50	6.98	.239	7.39	6.53	14
75	6.91	.274	7.17	6.57	14
100	6.58	.558	7.12	5.18	14
125	5.72	.906	6.92	3.65	14
150	4.59	.609	5.66	3.25	14
175	3.96	.429	4.54	2.98	14
200	3.68	.450	4.56	2.75	14
225	3.32	.410	3.87	2.40	14
250	2.97	.396	3.42	2.08	14
300	2.36	.359	2.80	1.67	14
400	1.59	.285	2.16	1.02	14
500	1.07	.148	1.41	.73	14
600	.79	.115	1.04	.63	14
700	.63	.106	.95	.52	14
800	.54	.091	.81	.44	14
900	.49	.058	.64	.40	14
1000	.46	.043	.55	.38	14
1200	.51	.047	.58	.44	13
1500	.70	.067	.83	.62	12
2000	1.33	.070	1.47	1.24	10
2500	1.89	.094	2.01	1.79	4
3000	2.39	.136	2.72	2.44	4
3500	2.80	.130	2.93	2.67	3

SOUND

MEAN	S.D.	MAX	MIN	N
1484	10.8	1505	1466	145
1484	10.7	1505	1466	145
1484	10.4	1503	1467	145
1482	8.7	1502	1467	145
1477	4.6	1497	1467	145
1474	3.0	1484	1467	145
1472	2.3	1479	1467	145
1472	1.8	1476	1467	145
1473	1.9	1477	1469	145
1473	1.8	1477	1468	145
1473	1.7	1477	1468	145
1472	1.6	1477	1469	145
1472	1.5	1477	1468	145
1472	1.1	1476	1469	144
1472	.7	1474	1470	138
1473	.5	1474	1472	134
1474	.4	1475	1473	134
1475	.3	1476	1474	134
1476	.3	1477	1475	134
1477	.2	1478	1476	134
1478	.2	1479	1477	134
1480	.2	1481	1480	130
1484	.1	1484	1483	88
1491	.4	1491	1490	27
1498	.0	1498	1498	7
1506	.0	1506	1506	7
1514	.0	1514	1514	4

DELTA DH

PRESS	MEAN	S.D.	MAX	MIN	N
0	11.811	.3504	12.896	11.034	134
10	11.530	.3187	12.544	10.811	134
20	11.250	.2917	12.192	10.590	134
30	10.975	.2704	11.840	10.368	134
50	10.464	.2458	11.134	9.923	134
75	9.867	.2371	10.432	9.367	134
100	9.312	.2257	9.868	8.814	134
125	8.818	.2025	9.336	8.344	134
150	8.410	.1802	8.869	7.973	134
175	8.051	.1668	8.490	7.639	134
200	7.715	.1584	8.133	7.317	134
225	7.391	.1513	7.792	7.005	134
250	7.075	.1448	7.463	6.703	134
300	6.467	.1324	6.829	6.115	134
400	5.329	.1089	5.636	5.027	134
500	4.381	.0878	4.535	4.031	134
600	3.510	.0685	3.516	3.101	134
700	2.405	.0498	2.549	2.248	134
800	1.557	.0320	1.650	1.455	134
900	.758	.0154	.805	.713	134
1000	.000	.0000	.000	.000	134
1200	-1.407	.0274	-1.331	-1.479	130
1500	-3.312	.0672	-3.114	-3.518	88
2000	-6.148	.1171	-5.905	-6.521	27
2500	-8.642	.1140	-8.501	-8.810	7
3000	-10.972	.1431	-10.815	-11.183	7
3500	-13.324	.1877	-13.148	-13.510	4

Table 21. As in Table 5, for Station 11 (P22).

Table 21: STATION MP22 J A N U A R Y 1956 to 1990

TEMPERATURE

PRESS	MEAN	S.D.	MAX	MIN	N
0	7.08	.508	8.05	6.25	10
10	7.04	.519	8.03	6.24	10
20	7.04	.521	8.03	6.24	10
30	7.04	.514	8.01	6.24	10
50	7.04	.520	8.01	6.23	10
75	6.93	.395	7.56	6.24	10
100	6.41	.760	7.33	4.62	10
125	5.31	.502	5.89	4.39	10
150	5.32	.325	5.75	4.83	10
175	5.26	.349	5.82	4.85	10
200	5.09	.304	5.72	4.68	10
225	4.83	.296	5.41	4.41	10
250	4.60	.295	5.12	4.19	10
300	4.32	.230	4.72	3.96	10
400	4.02	.160	4.22	3.71	9
500	3.82	.110	3.97	3.60	9
600	3.64	.093	3.78	3.48	9
700	3.44	.077	3.59	3.34	9
800	3.27	.065	3.38	3.20	9
900	3.10	.052	3.19	3.04	9
1000	2.94	.048	3.02	2.88	9
1200	2.67	.036	2.71	2.61	8
1500	2.32	.011	2.34	2.31	5
2000	1.96	n/a	n/a	n/a	1
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0
3500	n/a	n/a	n/a	n/a	0

SALINITY

MEAN	S.D.	MAX	MIN	N
32.543	.0721	32.680	32.450	10
32.543	.0710	32.680	32.450	10
32.544	.0734	32.690	32.450	10
32.543	.0732	32.690	32.450	10
32.544	.0730	32.686	32.450	10
32.556	.0665	32.673	32.488	10
32.809	.3109	33.548	32.491	10
33.302	.2587	33.764	33.026	10
33.529	.1280	33.833	33.446	10
33.788	.0506	33.889	33.731	10
33.843	.0375	33.923	33.778	10
33.862	.0359	33.930	33.796	10
33.880	.0340	33.938	33.826	10
33.912	.0220	33.955	33.878	10
34.006	.0223	34.037	33.959	9
34.101	.0306	34.134	34.038	9
34.182	.0207	34.203	34.137	9
34.245	.0201	34.274	34.200	9
34.298	.0171	34.324	34.266	9
34.345	.0159	34.371	34.316	9
34.379	.0135	34.398	34.359	9
34.443	.0092	34.460	34.435	8
34.515	.0000	34.520	34.509	5
34.586	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

SIGMA T

PRESS	MEAN	S.D.	MAX	MIN	N
0	25.498	.0606	25.576	25.397	10
10	25.502	.0614	25.586	25.396	10
20	25.503	.0615	25.590	25.396	10
30	25.502	.0605	25.584	25.396	10
50	25.503	.0615	25.586	25.395	10
75	25.528	.0499	25.582	25.433	10
100	25.793	.2945	26.443	25.504	10
125	26.317	.1738	26.627	26.107	10
150	26.574	.0934	26.707	26.427	10
175	26.707	.0393	26.789	26.654	10
200	26.771	.0355	26.853	26.718	10
225	26.816	.0308	26.883	26.771	10
250	26.854	.0333	26.917	26.810	10
300	26.910	.0258	26.949	26.866	10
400	27.017	.0268	27.051	26.958	9
500	27.112	.0323	27.152	27.047	9
600	27.195	.0251	27.227	27.145	9
700	27.264	.0223	27.287	27.214	9
800	27.322	.0162	27.340	27.287	9
900	27.376	.0134	27.393	27.348	9
1000	27.417	.0121	27.436	27.396	9
1200	27.493	.0064	27.503	27.487	8
1500	27.580	.0049	27.584	27.575	5
2000	27.666	n/a	n/a	n/a	1
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0
3500	n/a	n/a	n/a	n/a	0

SVA

MEAN	S.D.	MAX	MIN	N
249.3	5.74	258.9	241.9	10
249.1	5.81	259.1	241.0	10
249.1	5.86	259.3	240.8	10
249.3	5.76	259.4	241.4	10
249.4	5.89	259.8	241.5	10
247.5	4.76	256.5	242.5	10
222.5	28.03	249.9	160.7	10
172.8	16.43	192.9	143.5	10
148.7	8.83	162.7	136.3	10
136.4	3.74	141.6	128.2	10
130.5	3.45	135.8	122.7	10
126.5	3.01	131.8	120.0	10
122.9	3.23	127.2	117.8	10
117.9	3.68	122.4	114.2	10
108.5	3.66	114.2	104.9	9
100.1	3.13	106.4	96.1	9
92.9	2.46	97.8	89.7	9
86.9	2.22	91.8	84.7	9
81.8	1.61	85.3	80.0	9
77.1	1.30	79.8	75.4	9
73.5	1.23	75.6	71.7	9
66.9	.41	67.4	66.1	8
59.3	.33	59.6	58.9	5
52.0	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

THETA

PRESS	MEAN	S.D.	MAX	MIN	N
0	7.08	.508	8.05	6.25	10
10	7.04	.519	8.03	6.24	10
20	7.04	.520	8.03	6.24	10
30	7.04	.514	8.01	6.24	10
50	7.04	.520	8.01	6.23	10
75	6.92	.397	7.55	6.23	10
100	6.40	.760	7.32	4.61	10
125	5.30	.501	5.88	4.38	10
150	5.31	.324	5.73	4.82	10
175	5.25	.281	5.81	4.83	10
200	5.07	.304	5.70	4.66	10
225	4.81	.295	5.39	4.40	10
250	4.59	.333	5.10	4.17	10
300	4.30	.229	4.70	3.94	10
400	3.99	.157	4.19	3.69	9
500	3.78	.108	3.93	3.57	9
600	3.59	.094	3.74	3.44	9
700	3.39	.076	3.54	3.30	9
800	3.21	.064	3.32	3.14	9
900	3.03	.049	3.15	2.98	9
1000	2.87	.047	2.95	2.82	9
1200	2.58	.036	2.63	2.53	8
1500	2.22	.012	2.24	2.21	5
2000	1.82	n/a	n/a	n/a	1
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0
3500	n/a	n/a	n/a	n/a	0

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
249.3	5.74	258.9	241.9	10
248.9	5.82	259.0	240.9	10
248.8	5.85	259.0	240.5	10
248.9	5.94	259.1	241.0	10
248.7	5.85	259.1	240.9	10
246.4	4.72	255.3	241.2	10
221.2	27.98	248.6	159.4	10
171.3	16.51	191.3	141.9	10
146.9	8.87	160.9	134.3	10
134.3	3.69	139.3	126.6	10
128.2	3.34	133.2	120.5	10
124.0	3.62	128.5	117.8	10
120.3	3.93	124.5	114.4	10
114.9	3.45	119.1	111.3	10
104.8	3.56	110.4	101.5	9
95.7	3.04	101.8	91.9	9
87.8	2.38	92.6	84.8	9
81.2	2.12	85.9	79.0	9
75.6	1.57	79.0	73.9	9
70.5	1.28	73.1	68.9	9
66.5	1.18	68.5	64.8	9
59.3	.45	59.9	58.4	8
51.0	.36	51.4	50.6	5
42.6	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

STATION MP22 J A N U A R Y 1956 to 1990

DELTA D

PRESS	MEAN	S.D.	MAX	MIN	N
0	.000	.0000	.000	.000	10
10	.250	.0067	.260	.240	10
20	.499	.0129	.520	.480	10
30	.748	.0175	.780	.720	10
50	1.249	.0285	1.300	1.210	10
75	1.873	.0419	1.940	1.810	10
100	2.457	.0744	2.550	2.300	10
125	2.948	.1155	3.040	2.680	10
150	3.349	.1365	3.490	3.030	10
175	3.703	.1485	3.860	3.360	10
200	4.016	.1561	4.210	3.670	10
225	4.358	.1589	4.540	3.980	10
250	4.668	.1669	4.860	4.270	10
300	5.273	.1786	5.490	4.650	10
400	6.383	.1976	6.670	5.960	9
500	7.428	.2185	7.770	6.980	9
600	8.389	.2358	8.780	7.930	9
700	9.290	.2495	9.730	8.840	9
800	10.131	.2697	10.620	9.660	9
900	10.924	.2811	11.440	10.440	9
1000	11.679	.2873	12.210	11.200	9
1200	13.051	.3102	13.650	12.500	5
1500	14.890	.1355	15.090	14.760	5
2000	17.580	n/a	n/a	n/a	1
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0
3500	n/a	n/a	n/a	n/a	0

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.00	.000	.00	.00	10
.01	.000	.01	.01	10
.05	.003	.05	.04	10
.11	.005	.12	.11	10
.32	.007	.33	.31	10
.72	.016	.74	.69	10
1.24	.045	1.29	1.15	10
1.80	.102	1.89	1.56	10
2.36	.137	2.52	2.05	10
2.94	.157	3.13	2.59	10
3.58	.172	3.79	3.19	10
4.27	.185	4.51	3.82	10
5.03	.200	5.29	4.55	10
6.72	.233	7.04	6.19	10
10.71	.295	11.22	10.13	10
15.49	.400	16.28	14.80	9
20.88	.538	21.98	20.13	9
26.85	.659	28.25	26.14	9
33.29	.806	35.04	32.48	9
40.15	.921	42.15	39.21	9
47.44	1.016	49.63	46.32	9
63.02	1.174	65.89	61.99	5
88.58	.645	89.37	87.53	5
138.44	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

OXYGEN

PRESS	MEAN	S.D.	MAX	MIN	N
0	6.89	n/a	n/a	n/a	1
10	6.88	n/a	n/a	n/a	1
20	6.87	n/a	n/a	n/a	1
30	6.88	n/a	n/a	n/a	1
50	6.88	n/a	n/a	n/a	1
75	6.87	n/a	n/a	n/a	1
100	5.18	n/a	n/a	n/a	1
125	3.65	n/a	n/a	n/a	1
150	3.25	n/a	n/a	n/a	1
175	2.98	n/a	n/a	n/a	1
200	2.75	n/a	n/a	n/a	1
225	2.40	n/a	n/a	n/a	1
250	2.08	n/a	n/a	n/a	1
300	1.67	n/a	n/a	n/a	1
400	1.02	n/a	n/a	n/a	1
500	.73	n/a	n/a	n/a	1
600	.72	n/a	n/a	n/a	1
700	.65	n/a	n/a	n/a	1
800	.57	n/a	n/a	n/a	1
900	.55	n/a	n/a	n/a	1
1000	.55	n/a	n/a	n/a	1
1200	.56	n/a	n/a	n/a	1
1500	.83	n/a	n/a	n/a	1
2000	1.41	n/a	n/a	n/a	1
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0
3500	n/a	n/a	n/a	n/a	0

SOUND

MEAN	S.D.	MAX	MIN	N
1476	1.9	1480	1473	10
1476	2.0	1480	1473	10
1476	2.0	1480	1473	10
1476	2.1	1480	1473	10
1477	2.1	1481	1474	10
1477	2.5	1479	1474	10
1475	3.0	1479	1468	10
1474	2.3	1475	1469	10
1473	1.3	1475	1471	10
1473	1.3	1476	1472	10
1473	1.3	1476	1471	10
1473	1.2	1475	1471	10
1473	1.4	1474	1470	10
1473	.9	1473	1470	10
1473	.7	1473	1471	10
1473	.6	1474	1472	10
1474	.6	1475	1473	10
1475	.0	1475	1475	10
1476	.0	1476	1476	10
1477	.0	1477	1477	10
1478	.0	1478	1478	10
1480	.0	1480	1480	10
1484	.0	1484	1484	10
1491	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

DELTA DH

PRESS	MEAN	S.D.	MAX	MIN	N
0	11.677	.2880	12.213	11.195	9
10	11.427	.2836	11.961	10.954	9
20	11.178	.2795	11.709	10.713	9
30	10.928	.2754	11.458	10.472	9
50	10.428	.2672	10.954	9.990	9
75	9.801	.2626	10.330	9.382	9
100	9.220	.2314	9.717	8.893	9
125	8.733	.1994	9.173	8.516	9
150	8.336	.1779	8.722	8.143	9
175	7.985	.1683	8.350	7.800	9
200	7.654	.1627	8.006	7.467	9
225	7.333	.1521	7.672	7.145	9
250	7.022	.1522	7.345	6.833	9
300	6.422	.1421	6.725	6.235	9
400	5.294	.1178	5.544	5.137	9
500	4.252	.0917	4.447	4.133	9
600	3.289	.0656	3.428	3.205	9
700	2.388	.0445	2.481	2.332	9
800	1.545	.0254	1.593	1.509	9
900	.752	.0116	.771	.733	9
1000	.000	.0000	.000	.000	9
1200	-1.399	.0146	-1.385	-1.433	8
1500	-3.285	.0141	-3.263	-3.297	5
2000	-6.086	n/a	n/a	n/a	1
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0
3500	n/a	n/a	n/a	n/a	0

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TEMPERATURE

PRESS	MEAN	S.D.	MAX	MIN	N
0	5.69	.658	6.85	4.63	7
10	5.71	.674	6.86	4.63	7
20	5.71	.679	6.87	4.62	7
30	5.71	.680	6.87	4.62	7
50	5.71	.683	6.86	4.61	7
75	5.67	.673	6.86	4.61	7
100	5.67	.678	6.86	4.59	7
125	5.29	.345	5.71	4.60	7
150	5.17	.376	5.67	4.42	7
175	5.20	.521	5.84	4.19	7
200	5.03	.497	5.50	4.02	7
225	4.79	.416	5.17	3.93	7
250	4.60	.345	4.87	3.86	7
300	4.30	.265	4.57	3.74	7
400	4.02	.180	4.18	3.65	7
500	3.81	.128	3.93	3.56	7
600	3.64	.088	3.73	3.48	7
700	3.46	.068	3.54	3.34	7
800	3.30	.059	3.39	3.21	7
900	3.13	.044	3.20	3.09	7
1000	2.96	.043	3.02	2.89	7
1200	2.68	.029	2.73	2.64	7
1500	2.35	.034	2.41	2.32	5
2000	1.97	n/a	n/a	n/a	1
2500	1.76	n/a	n/a	n/a	1
3000	1.60	n/a	n/a	n/a	1
3500	1.56	n/a	n/a	n/a	1

SALINITY

MEAN	S.D.	MAX	MIN	N
32.676	.0927	32.864	32.590	7
32.664	.0669	32.786	32.590	7
32.663	.0662	32.784	32.590	7
32.663	.0661	32.782	32.590	7
32.664	.0650	32.785	32.590	7
32.668	.0666	32.786	32.590	7
32.696	.0782	32.792	32.610	7
33.144	.2837	33.473	32.702	7
33.552	.1364	33.752	33.350	7
33.737	.0762	33.842	33.620	7
33.802	.0569	33.868	33.716	7
33.824	.0531	33.898	33.756	7
33.848	.0377	33.909	33.806	7
33.891	.0339	33.956	33.857	7
33.999	.0355	34.068	33.954	7
34.087	.0312	34.147	34.053	7
34.168	.0270	34.220	34.136	7
34.238	.0374	34.315	34.203	7
34.295	.0354	34.368	34.264	7
34.341	.0356	34.412	34.308	7
34.375	.0264	34.424	34.345	7
34.439	.0265	34.489	34.406	7
34.513	.0347	34.570	34.476	5
34.594	n/a	n/a	n/a	1
34.638	n/a	n/a	n/a	1
34.664	n/a	n/a	n/a	1
34.677	n/a	n/a	n/a	1

SIGMA T

PRESS	MEAN	S.D.	MAX	MIN	N
0	25.778	.1004	25.915	25.598	7
10	25.766	.0837	25.839	25.597	7
20	25.765	.0842	25.840	25.595	7
30	25.766	.0841	25.840	25.596	7
50	25.766	.0849	25.849	25.597	7
75	25.774	.0879	25.849	25.597	7
100	25.796	.0960	25.870	25.604	7
125	26.196	.2084	26.446	25.836	7
150	26.531	.0978	26.679	26.373	7
175	26.674	.0438	26.763	26.629	7
200	26.745	.0383	26.809	26.705	7
225	26.789	.0392	26.857	26.745	7
250	26.829	.0344	26.881	26.794	7
300	26.897	.0397	26.952	26.858	7
400	27.011	.0349	27.064	26.971	7
500	27.102	.0316	27.155	27.073	7
600	27.183	.0268	27.231	27.159	7
700	27.256	.0332	27.321	27.229	7
800	27.318	.0314	27.379	27.289	7
900	27.370	.0305	27.427	27.338	7
1000	27.413	.0235	27.452	27.384	7
1200	27.488	.0227	27.527	27.458	7
1500	27.575	.0289	27.620	27.541	5
2000	27.671	n/a	n/a	n/a	1
2500	27.723	n/a	n/a	n/a	1
3000	27.755	n/a	n/a	n/a	1
3500	27.768	n/a	n/a	n/a	1

SVA

MEAN	S.D.	MAX	MIN	N
222.6	9.55	239.8	209.7	7
223.9	8.02	240.1	216.9	7
224.1	8.02	240.3	216.9	7
224.1	8.04	240.4	217.0	7
224.3	8.15	240.6	216.3	7
223.9	8.45	240.9	216.5	7
222.0	9.24	240.5	214.9	7
184.3	19.71	218.4	160.6	7
152.7	9.26	167.7	138.7	7
139.5	4.23	143.8	131.1	7
133.0	3.80	136.9	126.8	7
128.9	3.83	133.2	122.5	7
125.3	3.41	128.7	120.4	7
119.2	3.89	123.0	113.6	7
109.0	3.42	112.9	104.0	7
101.1	3.08	103.8	96.0	7
94.0	2.60	96.3	89.5	7
87.6	3.17	90.3	81.5	7
82.3	3.02	85.1	76.5	7
77.8	2.90	80.9	72.4	7
74.0	2.28	76.8	70.3	7
67.4	2.10	70.3	63.8	7
59.9	2.71	63.2	55.7	5
51.5	n/a	n/a	n/a	1
47.4	n/a	n/a	n/a	1
45.1	n/a	n/a	n/a	1
45.0	n/a	n/a	n/a	1

THETA

PRESS	MEAN	S.D.	MAX	MIN	N
0	5.69	.658	6.85	4.63	7
10	5.71	.674	6.86	4.63	7
20	5.71	.679	6.87	4.62	7
30	5.70	.677	6.86	4.62	7
50	5.71	.683	6.86	4.61	7
75	5.66	.673	6.85	4.60	7
100	5.66	.678	6.85	4.58	7
125	5.28	.345	5.70	4.59	7
150	5.16	.376	5.66	4.41	7
175	5.19	.520	5.83	4.18	7
200	5.01	.497	5.48	4.00	7
225	4.77	.415	5.15	3.91	7
250	4.58	.341	4.85	3.85	7
300	4.28	.268	4.55	3.71	7
400	3.99	.177	4.15	3.63	7
500	3.78	.127	3.90	3.53	7
600	3.60	.088	3.69	3.44	7
700	3.41	.067	3.49	3.29	7
800	3.24	.057	3.33	3.16	7
900	3.07	.043	3.13	3.03	7
1000	2.89	.043	2.95	2.82	7
1200	2.60	.027	2.64	2.56	7
1500	2.26	.037	2.31	2.21	5
2000	1.83	n/a	n/a	n/a	1
2500	1.58	n/a	n/a	n/a	1
3000	1.38	n/a	n/a	n/a	1
3500	1.29	n/a	n/a	n/a	1

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
222.6	9.55	239.8	209.7	7
223.8	8.00	239.9	216.8	7
223.9	8.00	240.0	216.7	7
223.8	8.02	240.0	216.7	7
223.7	8.12	239.9	215.8	7
223.0	8.36	239.8	215.8	7
220.9	9.11	239.1	213.8	7
182.9	19.80	217.1	159.1	7
151.0	9.29	166.1	137.0	7
137.4	4.17	141.8	129.0	7
130.7	3.64	134.5	124.6	7
126.4	3.73	130.7	120.0	7
122.7	3.30	126.0	117.7	7
116.3	3.75	119.9	111.1	7
105.3	3.31	109.1	100.3	7
96.7	3.00	99.4	91.7	7
88.9	2.54	91.3	84.4	7
81.9	3.15	84.6	75.8	7
76.1	2.97	78.8	70.3	7
71.1	2.87	74.1	65.7	7
67.0	2.24	69.7	63.2	7
59.7	2.11	62.6	56.0	7
51.4	2.73	54.6	47.1	5
42.1	n/a	n/a	n/a	1
36.9	n/a	n/a	n/a	1
33.6	n/a	n/a	n/a	1
32.0	n/a	n/a	n/a	1

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DELTA D

PRESS	MEAN	S.D.	MAX	MIN	N
0	.000	.0000	.000	.000	7
10	.224	.0079	.240	.220	7
20	.449	.0168	.480	.430	7
30	.673	.0229	.720	.650	7
50	1.121	.0389	1.200	1.090	7
75	1.684	.0568	1.800	1.640	7
100	2.239	.0795	2.400	2.170	7
125	2.754	.0964	2.950	2.690	7
150	3.174	.1205	3.410	3.060	7
175	3.536	.1295	3.790	3.400	7
200	3.874	.1340	4.130	3.720	7
225	4.201	.1397	4.460	4.030	7
250	4.517	.1468	4.780	4.330	7
300	5.131	.1565	5.400	4.920	7
400	6.273	.1839	6.550	6.010	7
500	7.317	.2162	7.620	7.000	7
600	8.294	.2436	8.630	7.930	7
700	9.201	.2675	9.540	8.790	7
800	10.050	.2935	10.400	9.580	7
900	10.849	.3193	11.200	10.320	7
1000	11.606	.3432	11.960	11.030	7
1200	13.019	.3855	13.380	12.370	7
1500	14.776	.4414	15.320	14.150	5
2000	17.620	n/a	n/a	n/a	1
2500	20.110	n/a	n/a	n/a	1
3000	22.430	n/a	n/a	n/a	1
3500	24.680	n/a	n/a	n/a	1

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.00	.000	.00	.00	7
.01	.000	.01	.01	7
.05	.005	.05	.04	7
.10	.004	.11	.10	7
.29	.011	.31	.28	7
.65	.021	.69	.63	7
1.14	.045	1.23	1.10	7
1.73	.063	1.85	1.67	7
2.32	.108	2.49	2.19	7
2.92	.129	3.12	2.74	7
3.56	.142	3.78	3.35	7
4.27	.154	4.49	4.03	7
5.04	.173	5.27	4.76	7
6.75	.205	6.99	6.41	7
10.82	.329	11.17	10.28	7
15.62	.482	16.09	14.84	7
21.08	.640	21.66	20.05	7
27.09	.829	27.84	25.69	7
33.57	1.040	34.54	31.76	7
40.51	1.299	41.70	38.18	7
47.85	1.535	49.29	45.09	7
63.63	2.040	65.65	60.01	7
89.18	3.231	93.15	84.47	5
139.10	n/a	n/a	n/a	1
196.05	n/a	n/a	n/a	1
260.98	n/a	n/a	n/a	1
335.76	n/a	n/a	n/a	1

OXYGEN

PRESS	MEAN	S.D.	MAX	MIN	N
0	6.76	n/a	n/a	n/a	1
10	6.76	n/a	n/a	n/a	1
20	6.77	n/a	n/a	n/a	1
30	6.77	n/a	n/a	n/a	1
50	6.75	n/a	n/a	n/a	1
75	6.78	n/a	n/a	n/a	1
100	6.77	n/a	n/a	n/a	1
125	5.74	n/a	n/a	n/a	1
150	4.68	n/a	n/a	n/a	1
175	3.90	n/a	n/a	n/a	1
200	4.56	n/a	n/a	n/a	1
225	3.87	n/a	n/a	n/a	1
250	3.24	n/a	n/a	n/a	1
300	2.66	n/a	n/a	n/a	1
400	1.80	n/a	n/a	n/a	1
500	1.15	n/a	n/a	n/a	1
600	1.04	n/a	n/a	n/a	1
700	.95	n/a	n/a	n/a	1
800	.81	n/a	n/a	n/a	1
900	.64	n/a	n/a	n/a	1
1000	.49	n/a	n/a	n/a	1
1200	.55	n/a	n/a	n/a	1
1500	.62	n/a	n/a	n/a	1
2000	1.24	n/a	n/a	n/a	1
2500	1.79	n/a	n/a	n/a	1
3000	2.44	n/a	n/a	n/a	1
3500	2.67	n/a	n/a	n/a	1

SOUND

MEAN	S.D.	MAX	MIN	N
1471	2.7	1475	1466	7
1471	3.1	1476	1466	7
1471	2.8	1476	1467	7
1471	2.8	1476	1467	7
1472	2.7	1476	1467	7
1472	3.0	1477	1467	7
1472	2.8	1477	1468	7
1472	1.6	1474	1469	7
1472	1.6	1474	1469	7
1473	2.2	1476	1469	7
1473	2.4	1475	1468	7
1472	1.7	1474	1469	7
1472	1.3	1473	1469	7
1471	1.3	1473	1469	7
1472	.8	1473	1471	7
1473	.4	1473	1472	7
1474	.4	1474	1473	7
1475	.0	1475	1475	7
1476	.0	1476	1476	7
1477	.0	1477	1477	7
1478	.0	1478	1478	7
1480	.0	1480	1480	7
1484	.0	1484	1484	5
1491	n/a	n/a	n/a	1
1498	n/a	n/a	n/a	1
1506	n/a	n/a	n/a	1
1514	n/a	n/a	n/a	1

DELTA DH

PRESS	MEAN	S.D.	MAX	MIN	N
0	11.608	.3425	11.963	11.034	7
10	11.384	.3387	11.723	10.811	7
20	11.160	.3345	11.483	10.590	7
30	10.935	.3307	11.248	10.368	7
50	10.485	.3237	10.810	9.923	7
75	9.923	.3154	10.262	9.367	7
100	9.370	.3061	9.713	8.814	7
125	8.854	.2871	9.164	8.344	7
150	8.434	.2633	8.667	7.973	7
175	8.072	.2535	8.302	7.639	7
200	7.733	.2441	7.957	7.317	7
225	7.407	.2350	7.626	7.005	7
250	7.090	.2261	7.304	6.703	7
300	6.478	.2099	6.681	6.115	7
400	5.337	.1734	5.501	5.027	7
500	4.290	.1407	4.419	4.031	7
600	3.314	.1142	3.421	3.101	7
700	2.406	.0848	2.488	2.248	7
800	1.558	.0558	1.617	1.455	7
900	.758	.0255	.788	.713	7
1000	.000	.0000	.000	.000	7
1200	-1.408	.0473	-1.331	-1.470	7
1500	-3.297	.1280	-3.114	-3.472	5
2000	-6.089	n/a	n/a	n/a	1
2500	-8.575	n/a	n/a	n/a	1
3000	-10.891	n/a	n/a	n/a	1
3500	-13.148	n/a	n/a	n/a	1

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TEMPERATURE

PRESS	MEAN	S.D.	MAX	MIN	N
0	6.05	.664	6.83	5.20	8
10	6.33	.536	7.04	5.66	8
20	6.31	.545	7.05	5.63	8
30	6.28	.551	7.05	5.62	8
50	6.25	.569	7.04	5.61	8
75	6.16	.528	6.90	5.58	8
100	5.87	.419	6.47	5.43	8
125	5.33	.364	5.73	4.83	8
150	5.30	.316	5.60	4.72	8
175	5.19	.392	5.66	4.48	8
200	4.96	.425	5.39	4.14	8
225	4.75	.417	5.22	3.96	8
250	4.57	.438	5.18	3.80	8
300	4.31	.380	4.84	3.70	8
400	4.02	.185	4.33	3.68	8
500	3.85	.098	4.00	3.71	8
600	3.68	.067	3.79	3.60	8
700	3.47	.054	3.55	3.40	8
800	3.27	.052	3.36	3.18	8
900	3.10	.062	3.23	3.01	8
1000	2.96	.074	3.11	2.84	8
1200	2.67	.034	2.73	2.62	8
1500	2.35	.040	2.39	2.31	3
2000	1.98	n/a	n/a	n/a	1
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0
3500	n/a	n/a	n/a	n/a	0

SALINITY

MEAN	S.D.	MAX	MIN	N
32.647	.0712	32.760	32.551	8
32.637	.0729	32.760	32.545	8
32.640	.0742	32.767	32.549	8
32.640	.0757	32.770	32.547	8
32.634	.0720	32.760	32.546	8
32.645	.0786	32.763	32.545	8
32.949	.3281	33.480	32.618	8
33.277	.3767	33.765	32.821	8
33.631	.1881	33.830	33.305	8
33.763	.1182	33.844	33.498	8
33.815	.0729	33.858	33.647	8
33.835	.0510	33.870	33.720	8
33.857	.0436	33.900	33.782	8
33.898	.0308	33.928	33.847	8
33.994	.0256	34.036	33.967	8
34.098	.0241	34.139	34.071	8
34.176	.0195	34.206	34.149	8
34.242	.0207	34.270	34.215	8
34.296	.0173	34.318	34.273	8
34.337	.0148	34.355	34.310	8
34.375	.0113	34.390	34.355	8
34.435	.0107	34.446	34.420	8
34.511	.0043	34.515	34.506	3
34.596	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

SIGMA T

PRESS	MEAN	S.D.	MAX	MIN	N
0	25.711	.1103	25.834	25.558	8
10	25.669	.0947	25.810	25.566	8
20	25.674	.0955	25.823	25.575	8
30	25.678	.0968	25.829	25.586	8
50	25.678	.0965	25.828	25.575	8
75	25.697	.0975	25.841	25.610	8
100	25.973	.2909	26.409	25.650	8
125	26.296	.2889	26.639	25.889	8
150	26.579	.1286	26.722	26.388	8
175	26.695	.0709	26.777	26.566	8
200	26.764	.0388	26.823	26.720	8
225	26.803	.0297	26.848	26.770	8
250	26.839	.0310	26.883	26.799	8
300	26.900	.0311	26.935	26.861	8
400	27.008	.0311	27.047	26.962	8
500	27.107	.0283	27.147	27.070	8
600	27.187	.0214	27.216	27.154	8
700	27.259	.0196	27.287	27.232	8
800	27.321	.0154	27.347	27.302	8
900	27.370	.0129	27.390	27.350	8
1000	27.412	.0110	27.431	27.397	8
1200	27.486	.0085	27.496	27.474	8
1500	27.573	.0052	27.580	27.566	3
2000	27.672	n/a	n/a	n/a	1
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0
3500	n/a	n/a	n/a	n/a	0

SVA

MEAN	S.D.	MAX	MIN	N
229.1	10.48	243.6	217.4	8
233.2	9.00	242.9	219.8	8
232.8	9.08	242.2	218.6	8
232.6	9.20	241.3	218.2	8
232.8	9.24	242.7	218.4	8
231.3	9.33	239.6	217.5	8
205.4	27.68	236.1	163.9	8
174.8	27.37	213.5	142.4	8
148.3	12.13	166.2	134.6	8
137.5	6.67	149.4	129.6	8
131.1	3.72	134.9	125.4	8
127.7	2.89	131.0	123.3	8
124.3	3.11	128.1	120.1	8
118.9	3.19	123.0	115.5	8
109.3	3.05	113.9	105.6	8
100.7	2.73	104.3	96.8	8
93.8	2.15	97.0	90.8	8
87.3	1.94	90.0	84.6	8
81.9	1.53	83.7	79.3	8
77.7	1.28	79.4	75.6	8
74.0	1.14	75.5	72.0	8
67.6	.71	68.7	66.6	8
60.0	.80	60.8	59.2	3
51.4	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

THETA

PRESS	MEAN	S.D.	MAX	MIN	N
0	6.05	.664	6.83	5.20	8
10	6.33	.536	7.04	5.66	8
20	6.31	.546	7.05	5.63	8
30	6.28	.551	7.05	5.62	8
50	6.25	.568	7.03	5.61	8
75	6.15	.530	6.90	5.57	8
100	5.87	.419	6.46	5.42	8
125	5.32	.364	5.72	4.82	8
150	5.29	.316	5.59	4.71	8
175	5.18	.391	5.64	4.47	8
200	4.94	.425	5.37	4.12	8
225	4.73	.416	5.20	3.94	8
250	4.55	.438	5.16	3.78	8
300	4.29	.380	4.82	3.68	8
400	3.99	.185	4.30	3.65	8
500	3.82	.097	3.96	3.67	8
600	3.63	.069	3.75	3.55	8
700	3.42	.054	3.50	3.35	8
800	3.21	.053	3.30	3.12	8
900	3.04	.062	3.17	2.95	8
1000	2.89	.074	3.04	2.77	8
1200	2.59	.032	2.64	2.54	8
1500	2.25	.040	2.29	2.21	3
2000	1.84	n/a	n/a	n/a	1
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0
3500	n/a	n/a	n/a	n/a	0

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
229.1	10.48	243.6	217.4	8
233.0	9.00	242.8	219.6	8
232.5	9.06	241.9	218.4	8
232.1	9.20	240.9	217.8	8
232.2	9.15	242.0	217.9	8
230.3	9.27	238.6	216.6	8
204.1	27.64	234.8	162.7	8
173.3	27.45	212.0	140.8	8
146.5	12.23	164.7	132.9	8
135.4	6.71	147.7	127.7	8
128.9	3.70	133.1	123.3	8
125.2	2.81	128.3	120.9	8
121.9	2.93	125.5	117.6	8
116.0	2.97	119.7	112.6	8
105.7	2.91	110.0	102.0	8
96.2	2.63	99.6	92.4	8
88.6	2.06	91.7	85.8	8
81.6	1.87	84.2	79.0	8
75.7	1.49	77.6	73.3	8
71.1	1.22	72.9	69.2	8
67.0	1.03	68.4	65.2	8
60.0	.71	61.1	59.0	8
51.5	.65	52.2	50.9	3
42.0	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

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DELTA D

PRESS	MEAN	S.D.	MAX	MIN	N
0	.000	.0000	.000	.000	8
10	.231	.0083	.240	.220	8
20	.466	.0185	.490	.440	8
30	.700	.0267	.730	.660	8
50	1.163	.0443	1.210	1.090	8
75	1.746	.0670	1.810	1.640	8
100	2.303	.1083	2.410	2.140	8
125	2.773	.1658	2.980	2.530	8
150	3.175	.2121	3.440	2.880	8
175	3.530	.2265	3.810	3.220	8
200	3.864	.2383	4.160	3.540	8
225	4.188	.2432	4.490	3.850	8
250	4.501	.2510	4.810	4.150	8
300	5.109	.2590	5.430	4.750	8
400	6.251	.2785	6.590	5.860	8
500	7.299	.2998	7.660	6.870	8
600	8.269	.3136	8.640	7.810	8
700	9.173	.3254	9.560	8.690	8
800	10.018	.3369	10.420	9.520	8
900	10.815	.3421	11.230	10.310	8
1000	11.576	.3505	12.000	11.060	8
1200	12.984	.3512	13.400	12.460	8
1500	14.797	.3927	15.160	14.380	3
2000	17.950	n/a	n/a	n/a	1
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0
3500	n/a	n/a	n/a	n/a	0

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.00	.000	.00	.00	8
.01	.000	.01	.01	8
.05	.004	.05	.04	8
.11	.005	.11	.10	8
.30	.012	.31	.28	8
.67	.024	.69	.63	8
1.16	.062	1.22	1.06	8
1.70	.137	1.87	1.50	8
2.26	.201	2.52	1.99	8
2.85	.235	3.14	2.55	8
3.49	.255	3.80	3.17	8
4.19	.267	4.51	3.85	8
4.95	.279	5.29	4.59	8
6.65	.303	7.03	6.25	8
10.72	.382	11.16	10.21	8
15.52	.489	16.04	14.85	8
20.96	.592	21.58	20.10	8
26.95	.711	27.77	25.92	8
33.41	.814	34.36	32.24	8
40.30	.901	41.34	39.07	8
47.65	.987	48.74	46.31	8
63.47	1.041	64.64	62.08	8
89.11	1.094	90.36	88.34	3
140.09	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

OXYGEN

PRESS	MEAN	S.D.	MAX	MIN	N
0	n/a	n/a	n/a	n/a	0
10	n/a	n/a	n/a	n/a	0
20	n/a	n/a	n/a	n/a	0
30	n/a	n/a	n/a	n/a	0
50	n/a	n/a	n/a	n/a	0
75	n/a	n/a	n/a	n/a	0
100	n/a	n/a	n/a	n/a	0
125	n/a	n/a	n/a	n/a	0
150	n/a	n/a	n/a	n/a	0
175	n/a	n/a	n/a	n/a	0
200	n/a	n/a	n/a	n/a	0
225	n/a	n/a	n/a	n/a	0
250	n/a	n/a	n/a	n/a	0
300	n/a	n/a	n/a	n/a	0
400	n/a	n/a	n/a	n/a	0
500	n/a	n/a	n/a	n/a	0
600	n/a	n/a	n/a	n/a	0
700	n/a	n/a	n/a	n/a	0
800	n/a	n/a	n/a	n/a	0
900	n/a	n/a	n/a	n/a	0
1000	n/a	n/a	n/a	n/a	0
1200	n/a	n/a	n/a	n/a	0
1500	n/a	n/a	n/a	n/a	0
2000	n/a	n/a	n/a	n/a	0
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0
3500	n/a	n/a	n/a	n/a	0

SOUND

MEAN	S.D.	MAX	MIN	N
1472	2.5	1475	1469	8
1473	2.1	1476	1471	8
1473	2.1	1476	1471	8
1474	2.2	1477	1471	8
1474	2.5	1477	1471	8
1474	2.3	1477	1471	8
1474	1.5	1476	1472	8
1472	1.6	1474	1470	8
1473	1.4	1474	1470	8
1473	1.6	1475	1470	8
1473	1.7	1474	1469	8
1472	1.6	1474	1469	8
1472	2.0	1474	1468	8
1472	1.7	1474	1469	8
1472	.6	1473	1471	8
1473	.5	1474	1473	8
1474	.5	1475	1474	8
1475	.0	1475	1475	8
1476	.0	1476	1476	8
1477	.0	1477	1477	8
1478	.5	1479	1477	8
1480	.0	1480	1480	8
1484	.0	1484	1484	3
1491	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

DELTA DH

PRESS	MEAN	S.D.	MAX	MIN	N
0	11.574	.3498	12.000	11.060	8
10	11.342	.3432	11.756	10.838	8
20	11.109	.3351	11.513	10.620	8
30	10.876	.3281	11.272	10.398	8
50	10.410	.3113	10.789	9.966	8
75	9.829	.2918	10.186	9.421	8
100	9.272	.2599	9.591	8.905	8
125	8.803	.2041	9.022	8.509	8
150	8.399	.1745	8.610	8.155	8
175	8.045	.1676	8.260	7.826	8
200	7.718	.1628	7.925	7.508	8
225	7.387	.1565	7.598	7.198	8
250	7.072	.1499	7.277	6.894	8
300	6.465	.1349	6.654	6.306	8
400	5.324	.1051	5.461	5.198	8
500	4.375	.0793	4.371	4.176	8
600	3.304	.0581	3.368	3.218	8
700	2.400	.0405	2.439	2.332	8
800	1.555	.0268	1.584	1.506	8
900	.759	.0127	.773	.736	8
1000	.000	.0000	.000	.000	8
1200	-1.410	.0132	-1.395	-1.432	8
1500	-3.307	.0230	-3.284	-3.329	3
2000	-6.125	n/a	n/a	n/a	1
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0
3500	n/a	n/a	n/a	n/a	0

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TEMPERATURE

PRESS	MEAN	S.D.	MAX	MIN	N
0	6.21	.554	7.00	5.56	13
10	6.11	.493	6.92	5.56	13
20	6.06	.514	6.92	5.51	13
30	6.01	.530	6.92	5.34	13
50	5.91	.553	6.92	5.19	13
75	5.80	.518	6.86	5.13	13
100	5.49	.542	6.84	4.84	13
125	5.24	.303	5.80	4.74	13
150	5.19	.490	5.98	4.42	13
175	5.07	.579	6.13	4.35	13
200	4.86	.553	6.04	4.21	13
225	4.66	.525	5.93	4.03	13
250	4.54	.543	5.81	3.88	13
300	4.26	.419	5.40	3.70	13
400	3.96	.224	4.37	3.65	12
500	3.81	.118	4.00	3.59	11
600	3.64	.098	3.77	3.41	11
700	3.47	.086	3.59	3.28	11
800	3.30	.075	3.41	3.15	11
900	3.13	.054	3.20	3.03	11
1000	2.96	.050	3.03	2.85	11
1200	2.68	.043	2.76	2.61	11
1500	2.34	.044	2.41	2.27	11
2000	1.93	.035	1.95	1.90	2
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0
3500	n/a	n/a	n/a	n/a	0

SALINITY

MEAN	S.D.	MAX	MIN	N
32.643	.0971	32.834	32.476	13
32.639	.0994	32.847	32.490	13
32.640	.0979	32.837	32.490	13
32.642	.0980	32.833	32.485	13
32.645	.1015	32.847	32.485	13
32.655	.1006	32.847	32.487	13
32.722	.1193	32.904	32.491	13
33.137	.2497	33.404	32.758	13
33.539	.1708	33.818	33.285	13
33.713	.0918	33.887	33.583	13
33.785	.0646	33.927	33.687	13
33.820	.0572	33.947	33.732	13
33.847	.0496	33.959	33.775	13
33.890	.0383	33.966	33.828	13
34.003	.0247	34.038	33.966	12
34.099	.0216	34.136	34.067	11
34.180	.0158	34.208	34.155	11
34.244	.0150	34.268	34.224	11
34.300	.0171	34.321	34.275	11
34.346	.0136	34.367	34.324	11
34.386	.0124	34.406	34.368	11
34.444	.0097	34.460	34.429	11
34.513	.0120	34.535	34.496	11
34.611	.0327	34.633	34.588	2
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

SIGMA T

PRESS	MEAN	S.D.	MAX	MIN	N
0	25.688	.1258	25.891	25.482	13
10	25.700	.1218	25.894	25.479	13
20	25.705	.1221	25.888	25.479	13
30	25.713	.1249	25.886	25.475	13
50	25.728	.1321	25.900	25.472	13
75	25.748	.1265	25.900	25.484	13
100	25.838	.1354	25.957	25.490	13
125	26.196	.2085	26.397	25.865	13
150	26.519	.1449	26.700	26.253	13
175	26.669	.0737	26.784	26.538	13
200	26.750	.0510	26.828	26.642	13
225	26.799	.0383	26.868	26.748	13
250	26.834	.0394	26.903	26.776	13
300	26.899	.0422	26.959	26.832	13
400	27.020	.0291	27.066	26.957	12
500	27.112	.0236	27.144	27.072	11
600	27.193	.0199	27.219	27.161	11
700	27.261	.0175	27.283	27.235	11
800	27.321	.0175	27.342	27.293	11
900	27.374	.0132	27.396	27.357	11
1000	27.422	.0100	27.438	27.408	11
1200	27.493	.0105	27.507	27.475	11
1500	27.576	.0109	27.593	27.557	11
2000	27.688	.0282	27.707	27.668	2
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0
3500	n/a	n/a	n/a	n/a	0

SVA

MEAN	S.D.	MAX	MIN	N
231.2	11.99	250.9	211.9	13
230.5	11.60	251.2	211.7	13
229.8	11.62	251.4	212.4	13
229.2	11.90	251.9	212.8	13
228.0	12.62	252.4	211.6	13
226.3	13.10	251.6	211.9	13
217.9	12.95	251.3	206.7	13
184.2	19.77	215.7	165.0	13
153.9	13.76	179.3	136.9	13
139.9	7.11	152.7	129.0	13
132.5	4.98	143.0	125.0	13
127.9	3.82	133.1	121.3	13
124.8	3.96	131.0	118.2	13
119.0	4.24	126.1	113.1	13
108.1	2.91	114.5	103.7	12
100.1	2.32	104.1	97.1	11
93.1	1.98	96.3	90.4	11
87.2	1.76	89.8	84.9	11
82.0	1.76	84.8	79.9	11
77.3	1.31	79.0	75.2	11
73.1	1.02	74.5	71.6	11
66.9	.99	68.8	65.6	11
59.7	1.11	61.7	58.2	11
49.8	2.69	51.7	47.9	2
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

THETA

PRESS	MEAN	S.D.	MAX	MIN	N
0	6.21	.554	7.00	5.56	13
10	6.10	.493	6.92	5.56	13
20	6.06	.515	6.92	5.51	13
30	6.01	.532	6.92	5.33	13
50	5.91	.551	6.92	5.19	13
75	5.79	.517	6.85	5.12	13
100	5.48	.541	6.83	4.84	13
125	5.23	.303	5.79	4.73	13
150	5.18	.488	5.96	4.41	13
175	5.06	.577	6.11	4.34	13
200	4.84	.551	6.02	4.20	13
225	4.65	.523	5.91	4.02	13
250	4.52	.543	5.79	3.86	13
300	4.24	.419	5.38	3.68	13
400	3.93	.223	4.34	3.62	12
500	3.77	.115	3.96	3.56	11
600	3.60	.097	3.72	3.37	11
700	3.42	.083	3.54	3.24	11
800	3.25	.076	3.36	3.10	11
900	3.07	.054	3.14	2.97	11
1000	2.89	.050	2.96	2.78	11
1200	2.60	.042	2.67	2.53	11
1500	2.24	.043	2.30	2.16	11
2000	1.78	.035	1.81	1.76	2
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0
3500	n/a	n/a	n/a	n/a	0

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
231.2	11.99	250.9	211.9	13
230.1	11.59	251.1	211.6	13
229.6	11.61	251.1	212.2	13
228.8	11.88	251.5	212.4	13
227.4	12.56	251.7	211.0	13
225.4	13.02	250.5	211.0	13
216.8	12.87	249.9	205.5	13
182.9	19.80	214.3	163.7	13
152.2	13.74	177.4	135.0	13
138.0	6.98	150.3	127.0	13
130.3	4.81	140.4	122.8	13
125.5	3.62	130.3	119.0	13
122.3	3.71	127.6	115.7	13
116.1	3.98	122.3	110.3	13
104.5	2.76	110.5	100.2	12
95.7	2.23	99.3	92.7	11
88.0	1.87	91.0	85.5	11
81.5	1.66	83.9	79.4	11
75.7	1.68	78.4	73.7	11
70.6	1.26	72.3	68.6	11
66.1	.98	67.4	64.6	11
59.3	.94	61.0	57.9	11
51.3	1.01	53.1	49.7	11
40.6	2.62	42.4	38.7	2
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

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DELTA D

PRESS	MEAN	S.D.	MAX	MIN	N
0	.000	.0000	.000	.000	13
10	.231	.0126	.250	.210	13
20	.461	.0240	.500	.420	13
30	.690	.0339	.750	.640	13
50	1.150	.0597	1.260	1.060	13
75	1.719	.0894	1.890	1.590	13
100	2.278	.1210	2.520	2.130	13
125	2.782	.1442	3.120	2.600	13
150	3.205	.1628	3.590	2.980	13
175	3.568	.1785	3.980	3.310	13
200	3.907	.1879	4.330	3.620	13
225	4.233	.1917	4.650	3.930	13
250	4.548	.1962	4.970	4.230	13
300	5.158	.2049	5.580	4.810	13
400	6.277	.2232	6.740	5.900	12
500	7.329	.2472	7.770	6.910	11
600	8.295	.2599	8.740	7.850	11
700	9.196	.2716	9.650	8.730	11
800	10.040	.2866	10.510	9.550	11
900	10.837	.2979	11.320	10.330	11
1000	11.586	.3080	12.090	11.060	11
1200	12.983	.3250	13.510	12.440	11
1500	14.883	.3500	15.430	14.310	11
2000	17.540	.8061	18.110	16.970	2
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0
3500	n/a	n/a	n/a	n/a	0

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.00	.000	.00	.00	13
.01	.000	.01	.01	13
.05	.004	.05	.04	13
.11	.007	.12	.10	13
.29	.016	.32	.27	13
.66	.036	.72	.61	13
1.15	.064	1.28	1.09	13
1.73	.096	1.98	1.63	13
2.32	.138	2.63	2.15	13
2.92	.170	3.28	2.70	13
3.57	.192	3.94	3.31	13
4.28	.208	4.65	3.97	13
5.04	.220	5.42	4.70	13
6.75	.259	7.15	6.32	13
10.76	.335	11.28	10.22	12
15.56	.434	16.19	14.85	11
20.97	.544	21.78	20.11	11
26.93	.660	27.90	25.92	11
33.39	.784	34.52	32.23	11
40.28	.917	41.63	38.93	11
47.56	1.029	49.05	46.02	11
63.22	1.219	65.09	61.54	11
89.29	1.621	91.90	87.19	11
138.32	5.636	142.30	134.33	2
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

OXYGEN

PRESS	MEAN	S.D.	MAX	MIN	N
0	n/a	n/a	n/a	n/a	0
10	n/a	n/a	n/a	n/a	0
20	n/a	n/a	n/a	n/a	0
30	n/a	n/a	n/a	n/a	0
50	n/a	n/a	n/a	n/a	0
75	n/a	n/a	n/a	n/a	0
100	n/a	n/a	n/a	n/a	0
125	n/a	n/a	n/a	n/a	0
150	n/a	n/a	n/a	n/a	0
175	n/a	n/a	n/a	n/a	0
200	n/a	n/a	n/a	n/a	0
225	n/a	n/a	n/a	n/a	0
250	n/a	n/a	n/a	n/a	0
300	n/a	n/a	n/a	n/a	0
400	n/a	n/a	n/a	n/a	0
500	n/a	n/a	n/a	n/a	0
600	n/a	n/a	n/a	n/a	0
700	n/a	n/a	n/a	n/a	0
800	n/a	n/a	n/a	n/a	0
900	n/a	n/a	n/a	n/a	0
1000	n/a	n/a	n/a	n/a	0
1200	n/a	n/a	n/a	n/a	0
1500	n/a	n/a	n/a	n/a	0
2000	n/a	n/a	n/a	n/a	0
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0
3500	n/a	n/a	n/a	n/a	0

SOUND

MEAN	S.D.	MAX	MIN	N
1473	2.2	1476	1470	13
1473	2.0	1476	1470	13
1473	2.0	1476	1470	13
1472	1.9	1476	1470	13
1472	2.1	1476	1470	13
1472	2.0	1476	1470	13
1472	2.2	1477	1469	13
1472	1.5	1473	1470	13
1472	2.0	1476	1469	13
1472	2.5	1477	1469	13
1472	2.3	1477	1469	13
1472	2.3	1477	1469	13
1472	2.2	1477	1469	13
1471	1.8	1476	1469	13
1472	.9	1474	1471	12
1473	.5	1474	1472	11
1474	.5	1475	1473	11
1475	.4	1476	1474	11
1476	.4	1477	1475	11
1477	.0	1477	1477	11
1478	.0	1478	1478	11
1480	.3	1481	1480	11
1484	.3	1484	1483	11
1491	.7	1491	1490	2
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

DELTA DH

PRESS	MEAN	S.D.	MAX	MIN	N
0	11.588	.3083	12.093	11.061	11
10	11.356	.3002	11.842	10.848	11
20	11.126	.2926	11.591	10.637	11
30	10.896	.2854	11.339	10.424	11
50	10.437	.2692	10.835	10.000	11
75	9.868	.2549	10.255	9.471	11
100	9.308	.2494	9.708	8.932	11
125	8.805	.2280	9.169	8.462	11
150	8.386	.2027	8.690	8.084	11
175	8.024	.1873	8.333	7.754	11
200	7.687	.1755	7.991	7.436	11
225	7.362	.1658	7.655	7.129	11
250	7.047	.1573	7.325	6.829	11
300	6.437	.1375	6.680	6.252	11
400	5.301	.1071	5.478	5.158	11
500	4.259	.0835	4.386	4.146	11
600	3.293	.0637	3.385	3.208	11
700	2.393	.0455	2.455	2.332	11
800	1.548	.0283	1.588	1.507	11
900	.752	.0127	.772	.732	11
1000	.000	.0000	.000	.000	11
1200	-1.395	.0187	-1.371	-1.429	11
1500	-3.293	.0485	-3.228	-3.381	11
2000	-6.060	.2192	-5.905	-6.215	2
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0
3500	n/a	n/a	n/a	n/a	0

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TEMPERATURE

PRESS	MEAN	S.D.	MAX	MIN	N
0	7.28	.904	9.16	6.08	25
10	7.15	.738	8.35	6.08	55
20	7.00	.669	8.09	6.04	55
30	6.83	.639	7.95	5.89	55
50	6.39	.540	7.27	5.30	55
75	5.92	.501	6.87	5.06	55
100	5.52	.381	6.12	4.73	55
125	5.31	.382	5.98	4.67	55
150	5.31	.395	5.83	4.58	55
175	5.12	.384	5.98	4.50	55
200	4.93	.401	5.91	4.27	55
225	4.72	.386	5.75	4.09	55
250	4.55	.354	5.46	3.96	55
300	4.28	.242	4.85	3.87	55
400	3.99	.126	4.26	3.81	55
500	3.82	.111	4.02	3.63	55
600	3.63	.095	3.87	3.49	55
700	3.44	.080	3.62	3.32	55
800	3.27	.071	3.45	3.11	55
900	3.11	.060	3.27	2.98	55
1000	2.95	.054	3.11	2.86	55
1200	2.67	.038	2.75	2.61	53
1500	2.34	.036	2.41	2.28	17
2000	1.96	.026	1.99	1.94	3
2500	1.70	n/a	n/a	n/a	1
3000	1.56	n/a	n/a	n/a	1
3500	1.52	n/a	n/a	n/a	1

SALINITY

MEAN	S.D.	MAX	MIN	N
32.639	.0709	32.810	32.535	25
32.637	.0729	32.810	32.515	55
32.637	.0757	32.810	32.507	55
32.641	.0769	32.810	32.513	55
32.654	.0802	32.810	32.516	55
32.678	.0850	32.852	32.554	55
32.763	.1435	33.255	32.590	55
33.147	.2702	33.727	32.743	55
33.611	.1405	33.861	33.404	55
33.754	.0653	33.877	33.551	55
33.807	.0525	33.928	33.643	55
33.834	.0455	33.947	33.685	55
33.855	.0428	33.963	33.720	55
33.899	.0274	33.955	33.839	55
34.002	.0229	34.036	33.948	55
34.100	.0199	34.132	34.056	55
34.177	.0219	34.212	34.134	55
34.242	.0196	34.276	34.204	55
34.296	.0217	34.344	34.256	55
34.339	.0192	34.382	34.307	55
34.378	.0179	34.416	34.345	55
34.440	.0196	34.492	34.411	53
34.511	.0207	34.548	34.468	17
34.585	.0082	34.588	34.581	3
34.634	n/a	n/a	n/a	1
34.663	n/a	n/a	n/a	1
34.675	n/a	n/a	n/a	1

SIGMA T

PRESS	MEAN	S.D.	MAX	MIN	N
0	25.542	.1353	25.728	25.256	25
10	25.560	.1154	25.736	25.343	55
20	25.580	.1136	25.746	25.349	55
30	25.607	.1130	25.767	25.409	55
50	25.676	.0989	25.849	25.479	55
75	25.752	.0971	25.916	25.606	55
100	25.867	.1180	26.217	25.688	55
125	26.196	.1966	26.573	25.914	55
150	26.561	.1054	26.714	26.361	55
175	26.697	.0546	26.774	26.574	55
200	26.761	.0403	26.822	26.667	55
225	26.805	.0350	26.859	26.725	55
250	26.841	.0326	26.890	26.765	55
300	26.905	.0293	26.954	26.826	55
400	27.017	.0256	27.057	26.963	55
500	27.112	.0230	27.149	27.073	55
600	27.192	.0226	27.224	27.151	55
700	27.262	.0200	27.298	27.221	55
800	27.321	.0207	27.365	27.283	55
900	27.371	.0182	27.410	27.342	55
1000	27.416	.0162	27.450	27.386	55
1200	27.490	.0168	27.535	27.464	53
1500	27.575	.0170	27.606	27.539	17
2000	27.665	.0036	27.668	27.662	3
2500	27.724	n/a	n/a	n/a	1
3000	27.757	n/a	n/a	n/a	1
3500	27.770	n/a	n/a	n/a	1

SVA

MEAN	S.D.	MAX	MIN	N
245.1	12.85	272.3	227.4	25
243.5	10.99	264.2	226.7	55
241.7	10.84	263.8	225.9	55
239.3	10.77	258.2	224.1	55
233.0	9.45	251.8	216.4	55
226.0	9.28	240.0	210.4	55
215.2	11.21	232.3	182.1	55
184.3	18.59	210.8	148.7	55
149.9	9.99	169.0	135.6	55
137.3	5.24	149.2	129.8	55
131.4	3.92	140.8	125.4	55
127.4	3.43	135.5	122.1	55
124.2	3.19	131.9	119.4	55
118.4	2.89	126.3	113.6	55
108.4	2.50	113.6	104.5	55
100.2	2.26	104.1	96.5	55
93.2	2.22	97.2	89.9	55
87.1	1.97	91.1	83.5	55
82.0	2.05	85.7	77.5	55
77.6	1.80	80.4	73.8	55
73.6	1.61	76.6	70.4	55
67.2	1.60	69.7	62.9	53
59.8	1.63	63.2	56.8	17
52.0	.29	52.2	51.7	3
47.0	n/a	n/a	n/a	1
44.6	n/a	n/a	n/a	1
44.5	n/a	n/a	n/a	1

THETA

PRESS	MEAN	S.D.	MAX	MIN	N
0	7.28	.904	9.16	6.08	25
10	7.15	.738	8.35	6.08	55
20	7.00	.669	8.09	6.04	55
30	6.83	.639	7.95	5.89	55
50	6.38	.541	7.26	5.29	55
75	5.92	.502	6.87	5.05	55
100	5.51	.382	6.11	4.72	55
125	5.30	.382	5.97	4.66	55
150	5.30	.394	5.82	4.57	55
175	5.11	.384	5.97	4.49	55
200	4.91	.401	5.90	4.25	55
225	4.70	.386	5.73	4.07	55
250	4.53	.354	5.44	3.94	55
300	4.26	.242	4.83	3.85	55
400	3.96	.125	4.25	3.78	55
500	3.78	.108	3.98	3.59	55
600	3.59	.095	3.83	3.44	55
700	3.39	.080	3.57	3.27	55
800	3.22	.070	3.39	3.06	55
900	3.04	.060	3.21	2.92	55
1000	2.88	.053	3.04	2.79	55
1200	2.59	.037	2.66	2.53	53
1500	2.34	.036	2.41	2.18	17
2000	1.82	.026	1.85	1.80	3
2500	1.52	n/a	n/a	n/a	1
3000	1.34	n/a	n/a	n/a	1
3500	1.25	n/a	n/a	n/a	1

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
245.1	12.85	272.3	227.4	25
243.4	10.98	264.1	226.6	55
241.5	10.81	263.5	225.7	55
238.9	10.75	257.7	223.7	55
232.4	9.39	251.0	215.9	55
225.1	9.21	238.9	209.5	55
214.1	11.20	231.2	180.9	55
182.9	18.66	209.6	147.0	55
148.2	9.99	167.1	133.6	55
135.3	5.19	146.9	128.0	55
129.2	3.81	138.1	123.4	55
125.0	3.31	132.6	119.9	55
121.6	3.07	128.7	116.9	55
115.5	2.76	122.9	110.9	55
104.8	2.41	109.9	101.0	55
95.7	2.16	99.4	92.3	55
88.1	2.14	92.0	85.0	55
81.4	1.88	85.3	78.0	55
75.8	1.98	79.4	71.6	55
71.0	1.72	73.7	67.3	55
66.6	1.54	69.5	63.5	55
59.6	1.59	62.0	55.3	53
51.4	1.62	54.8	48.5	17
42.7	.25	42.9	42.4	3
36.8	n/a	n/a	n/a	1
33.5	n/a	n/a	n/a	1
31.9	n/a	n/a	n/a	1

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DELTA D

PRESS	MEAN	S.D.	MAX	MIN	N
0	.000	.0000	.000	.000	25
10	.246	.0126	.270	.230	25
20	.488	.0218	.530	.460	25
30	.729	.0335	.790	.680	25
50	1.202	.0521	1.310	1.120	25
75	1.776	.0695	1.920	1.670	25
100	2.327	.0868	2.500	2.180	25
125	2.831	.1006	3.010	2.660	25
150	3.245	.1144	3.420	3.020	25
175	3.602	.1245	3.810	3.350	25
200	3.936	.1301	4.150	3.670	25
225	4.260	.1343	4.490	3.990	25
250	4.572	.1380	4.810	4.300	25
300	5.178	.1432	5.430	4.910	25
400	6.311	.1570	6.580	6.010	25
500	7.353	.1700	7.650	7.010	25
600	8.319	.1818	8.630	7.950	25
700	9.217	.1973	9.540	8.820	25
800	10.063	.2115	10.400	9.640	25
900	10.860	.2223	11.210	10.430	25
1000	11.616	.2349	11.980	11.170	25
1200	13.018	.2658	13.390	12.540	23
1500	14.882	.3180	15.320	14.420	17
2000	17.817	.3743	18.090	17.390	3
2500	20.460	n/a	n/a	n/a	1
3000	22.740	n/a	n/a	n/a	1
3500	24.970	n/a	n/a	n/a	1

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.00	.000	.00	.00	25
.01	.000	.01	.01	25
.05	.000	.05	.05	25
.11	.006	.12	.10	25
.30	.014	.33	.28	25
.67	.026	.73	.63	25
1.16	.046	1.24	1.09	25
1.74	.071	1.84	1.56	25
2.31	.102	2.48	2.06	25
2.91	.122	3.13	2.61	25
3.55	.135	3.79	3.23	25
4.25	.148	4.52	3.91	25
5.01	.158	5.29	4.67	25
6.70	.189	7.04	6.36	25
10.73	.256	11.28	10.30	25
15.51	.342	16.26	14.89	25
20.92	.442	21.85	20.13	25
26.87	.570	28.03	25.90	25
33.33	.706	34.72	32.19	25
40.24	.844	41.80	38.97	25
47.56	.988	49.40	45.92	25
63.36	1.316	65.82	60.93	23
89.22	1.898	92.08	85.63	17
140.12	1.842	141.45	138.02	3
197.78	n/a	n/a	n/a	1
261.87	n/a	n/a	n/a	1
335.73	n/a	n/a	n/a	1

OXYGEN

PRESS	MEAN	S.D.	MAX	MIN	N
0	6.96	n/a	n/a	n/a	1
10	7.19	n/a	n/a	n/a	1
20	7.22	n/a	n/a	n/a	1
30	7.24	n/a	n/a	n/a	1
50	7.22	n/a	n/a	n/a	1
75	7.17	n/a	n/a	n/a	1
100	7.06	n/a	n/a	n/a	1
125	6.34	n/a	n/a	n/a	1
150	4.29	n/a	n/a	n/a	1
175	3.55	n/a	n/a	n/a	1
200	3.58	n/a	n/a	n/a	1
225	3.17	n/a	n/a	n/a	1
250	2.80	n/a	n/a	n/a	1
300	2.13	n/a	n/a	n/a	1
400	1.51	n/a	n/a	n/a	1
500	1.08	n/a	n/a	n/a	1
600	.77	n/a	n/a	n/a	1
700	.62	n/a	n/a	n/a	1
800	.51	n/a	n/a	n/a	1
900	.46	n/a	n/a	n/a	1
1000	.45	n/a	n/a	n/a	1
1200	.58	n/a	n/a	n/a	1
1500	n/a	n/a	n/a	n/a	0
2000	n/a	n/a	n/a	n/a	0
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0
3500	n/a	n/a	n/a	n/a	0

SOUND

MEAN	S.D.	MAX	MIN	N
1477	3.6	1484	1472	25
1477	3.0	1482	1472	25
1476	2.7	1480	1472	25
1476	2.6	1480	1472	25
1474	2.3	1478	1470	25
1473	2.1	1477	1469	25
1472	1.6	1475	1469	25
1472	1.8	1475	1469	25
1473	1.7	1475	1470	25
1473	1.7	1476	1470	25
1472	1.6	1476	1470	25
1472	1.8	1476	1469	25
1472	1.6	1475	1469	25
1471	1.0	1474	1470	25
1472	.6	1473	1471	25
1473	.5	1474	1472	25
1474	.5	1475	1473	25
1475	.5	1476	1474	25
1476	.4	1477	1475	25
1477	.3	1478	1476	25
1478	.2	1479	1478	25
1480	.0	1480	1480	23
1484	.0	1484	1484	17
1491	.6	1491	1490	3
1498	n/a	n/a	n/a	1
1506	n/a	n/a	n/a	1
1514	n/a	n/a	n/a	1

DELTA DH

PRESS	MEAN	S.D.	MAX	MIN	N
0	11.616	.2346	11.977	11.169	25
10	11.371	.2298	11.727	10.942	25
20	11.128	.2252	11.476	10.713	25
30	10.887	.2214	11.228	10.486	25
50	10.414	.2150	10.776	10.051	25
75	9.840	.2101	10.234	9.503	25
100	9.289	.2046	9.713	8.989	25
125	8.784	.1937	9.202	8.500	25
150	8.372	.1800	8.735	8.099	25
175	8.015	.1709	8.349	7.757	25
200	7.680	.1633	8.003	7.435	25
225	7.357	.1558	7.667	7.122	25
250	7.043	.1493	7.340	6.811	25
300	6.437	.1376	6.710	6.205	25
400	5.306	.1156	5.537	5.099	25
500	4.263	.0940	4.450	4.088	25
600	3.298	.0748	3.443	3.152	25
700	2.399	.0563	2.499	2.281	25
800	1.554	.0361	1.615	1.477	25
900	.756	.0174	.786	.718	25
1000	.000	.0000	.000	.000	25
1200	-1.404	.0314	-1.339	-1.464	23
1500	-3.300	.0789	-3.136	-3.450	17
2000	-6.137	.0733	-6.052	-6.179	3
2500	-8.662	n/a	n/a	n/a	1
3000	-10.948	n/a	n/a	n/a	1
3500	-13.178	n/a	n/a	n/a	1

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TEMPERATURE

PRESS	MEAN	S.D.	MAX	MIN	N
0	9.50	.723	10.80	8.27	16
10	9.42	.599	10.26	8.27	16
20	9.12	.713	10.21	7.85	16
30	8.56	.838	9.96	6.96	16
50	7.07	.545	7.86	5.88	16
75	5.97	.544	6.74	5.05	16
100	5.38	.412	5.96	4.49	16
125	5.15	.441	5.82	4.35	16
150	5.14	.439	5.72	4.42	16
175	5.07	.472	5.86	4.15	16
200	4.88	.449	5.75	4.06	16
225	4.66	.359	5.21	3.99	16
250	4.47	.322	4.99	3.88	16
300	4.24	.218	4.66	3.83	16
400	3.96	.085	4.17	3.79	14
500	3.79	.057	3.91	3.66	14
600	3.60	.035	3.64	3.52	14
700	3.42	.035	3.49	3.35	14
800	3.24	.044	3.31	3.14	14
900	3.07	.041	3.16	2.99	14
1000	2.92	.033	2.99	2.87	14
1200	2.65	.034	2.75	2.61	14
1500	2.34	.041	2.44	2.30	11
2000	1.94	.064	1.99	1.90	2
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0
3500	n/a	n/a	n/a	n/a	0

SALINITY

MEAN	S.D.	MAX	MIN	N
32.602	.1073	32.810	32.400	16
32.601	.1105	32.810	32.400	16
32.606	.1147	32.820	32.400	16
32.610	.1180	32.830	32.400	16
32.644	.1128	32.856	32.470	16
32.695	.1093	32.950	32.550	16
32.839	.2234	33.510	32.589	16
33.185	.3529	33.806	32.686	16
33.493	.3477	33.878	32.811	16
33.683	.1814	33.880	33.296	16
33.781	.0706	33.880	33.631	16
33.817	.0469	33.889	33.734	16
33.842	.0379	33.899	33.758	16
33.894	.0253	33.938	33.844	16
34.004	.0285	34.055	33.937	14
34.095	.0246	34.126	34.037	14
34.174	.0154	34.194	34.135	14
34.241	.0142	34.258	34.210	14
34.292	.0132	34.314	34.267	14
34.33[illegible]	.0107	34.351	34.312	14
34.375	.0103	34.391	34.346	14
34.436	.0100	34.447	34.417	14
34.503	.0089	34.513	34.480	11
34.594	.0472	34.627	34.560	2
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

SIGMA T

PRESS	MEAN	S.D.	MAX	MIN	N
0	25.184	.1332	25.391	24.932	16
10	25.197	.1178	25.344	24.948	16
20	25.247	.1415	25.507	24.956	16
30	25.337	.1738	25.630	24.991	16
50	25.577	.0957	25.700	25.356	16
75	25.759	.0931	25.909	25.575	16
100	25.944	.1589	26.419	25.788	16
125	26.243	.2448	26.655	25.898	16
150	26.488	.2502	26.737	26.003	16
175	26.646	.1474	26.771	26.339	16
200	26.745	.0705	26.823	26.600	16
225	26.798	.0456	26.850	26.698	16
250	26.839	.0334	26.881	26.773	16
300	26.905	.0286	26.943	26.846	16
400	27.021	.0237	27.058	26.965	14
500	27.111	.0204	27.138	27.063	14
600	27.192	.0134	27.207	27.158	14
700	27.263	.0132	27.278	27.231	14
800	27.321	.0123	27.341	27.299	14
900	27.372	.0104	27.383	27.346	14
1000	27.415	.0085	27.429	27.392	14
1200	27.489	.0077	27.499	27.473	14
1500	27.568	.0085	27.578	27.553	11
2000	27.672	.0436	27.703	27.642	2
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0
3500	n/a	n/a	n/a	n/a	0

SVA

MEAN	S.D.	MAX	MIN	N
279.2	12.67	303.2	259.5	16
278.1	11.22	301.8	264.1	16
273.5	13.49	301.2	248.7	16
265.1	16.59	298.1	237.1	16
242.4	9.40	263.5	230.7	16
225.3	8.87	242.8	211.1	16
207.9	15.04	225.8	163.0	16
179.7	23.10	212.3	140.9	16
156.8	23.63	202.6	133.4	16
142.1	13.99	171.2	130.4	16
132.9	6.79	147.0	125.5	16
128.0	4.43	137.8	123.1	16
124.3	3.28	130.8	120.3	16
118.4	3.78	124.2	114.7	16
108.0	2.27	113.3	104.6	14
100.2	1.65	104.7	97.6	14
93.1	1.31	96.4	91.7	14
87.0	1.29	90.0	85.4	14
81.9	1.15	83.9	79.8	14
77.5	1.02	80.0	76.5	14
73.6	.86	75.8	72.4	14
67.2	.79	68.7	66.2	14
60.4	.84	61.7	59.4	11
51.3	4.17	54.2	48.3	2
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

THETA

PRESS	MEAN	S.D.	MAX	MIN	N
0	9.50	.723	10.80	8.27	16
10	9.42	.599	10.26	8.27	16
20	9.12	.713	10.21	7.85	16
30	8.56	.838	9.96	6.96	16
50	7.07	.545	7.86	5.88	16
75	5.96	.544	6.73	5.04	16
100	5.37	.412	5.96	4.49	16
125	5.14	.441	5.81	4.34	16
150	5.13	.438	5.71	4.41	16
175	5.06	.471	5.84	4.14	16
200	4.87	.449	5.74	4.05	16
225	4.64	.358	5.19	3.97	16
250	4.45	.322	4.97	3.86	16
300	4.22	.218	4.65	3.81	16
400	3.93	.086	4.14	3.76	14
500	3.75	.058	3.87	3.62	14
600	3.56	.037	3.60	3.47	14
700	3.37	.034	3.44	3.31	14
800	3.18	.046	3.26	3.08	14
900	3.01	.041	3.10	2.93	14
1000	2.85	.032	2.92	2.80	14
1200	2.57	.032	2.66	2.53	14
1500	2.24	.040	2.33	2.20	11
2000	1.81	.057	1.85	1.77	2
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0
3500	n/a	n/a	n/a	n/a	0

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
279.2	12.67	303.2	259.5	16
277.9	11.22	301.6	263.9	16
273.1	13.47	300.8	248.4	16
264.6	16.54	297.5	236.7	16
241.7	9.38	262.7	230.0	16
224.4	8.83	241.8	210.1	16
206.8	15.09	221.6	161.7	16
178.4	23.25	211.5	139.3	16
155.1	23.76	201.3	131.3	16
140.1	13.99	169.3	128.3	16
130.7	6.68	144.4	123.3	16
125.6	4.34	135.2	120.7	16
121.7	3.15	128.0	117.8	16
115.5	2.68	121.0	111.8	16
104.4	2.26	109.7	100.9	14
95.8	1.95	100.4	93.2	14
88.0	1.29	91.3	86.6	14
81.3	1.25	84.3	79.9	14
75.8	1.13	77.6	73.6	14
70.9	.98	73.3	69.9	14
66.7	.83	68.9	65.5	14
59.7	.78	61.2	58.8	14
52.1	.79	53.5	51.2	11
41.9	4.03	44.8	39.1	2
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

STATION MP22 J U N E 1956 to 1990

DELTA D

PRESS	MEAN	S.D.	MAX	MIN	N
0	.000	.0000	.000	.000	16
10	.280	.0110	.300	.270	16
20	.557	.0238	.610	.530	16
30	.827	.0377	.910	.780	16
50	1.336	.0575	1.460	1.260	16
75	1.919	.0744	2.060	1.830	16
100	2.458	.0917	2.650	2.300	16
125	2.944	.1092	3.120	2.670	16
150	3.362	.1403	3.510	3.020	16
175	3.734	.1718	3.960	3.350	16
200	4.076	.1902	4.360	3.670	16
225	4.402	.2009	4.710	3.990	16
250	4.717	.2072	5.040	4.300	16
300	5.324	.2181	5.670	4.900	16
400	6.435	.2498	6.840	6.030	14
500	7.476	.2635	7.910	7.070	14
600	8.441	.2776	8.910	8.030	14
700	9.340	.2836	9.830	8.920	14
800	10.184	.2916	10.700	9.760	14
900	10.980	.2975	11.520	10.560	14
1000	11.736	.3061	12.290	11.300	14
1200	13.142	.3181	13.720	12.700	14
1500	15.112	.3307	15.670	14.650	11
2000	17.780	.0142	17.790	17.770	2
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0
3500	n/a	n/a	n/a	n/a	0

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.00	.000	.00	.00	16
.01	.004	.02	.01	16
.06	.004	.06	.05	16
.12	.006	.14	.12	16
.33	.014	.36	.31	16
.71	.027	.75	.67	16
1.19	.044	1.27	1.09	16
1.74	.082	1.84	1.51	16
2.32	.148	2.53	1.99	16
2.94	.217	3.30	2.54	16
3.59	.256	4.05	3.16	16
4.30	.282	4.81	3.85	16
5.06	.302	5.61	4.60	16
6.76	.338	7.38	6.28	16
10.76	.432	11.58	10.30	14
15.52	.507	16.55	14.95	14
20.94	.584	22.19	20.29	14
26.89	.644	28.31	26.17	14
33.33	.721	34.95	32.47	14
40.23	.798	42.05	39.30	14
47.54	.880	49.53	46.49	14
63.30	1.022	65.54	62.10	14
89.67	1.356	92.21	88.16	11
139.18	2.722	141.10	137.25	2
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

OXYGEN

PRESS	MEAN	S.D.	MAX	MIN	N
0	n/a	n/a	n/a	n/a	0
10	n/a	n/a	n/a	n/a	0
20	n/a	n/a	n/a	n/a	0
30	n/a	n/a	n/a	n/a	0
50	n/a	n/a	n/a	n/a	0
75	n/a	n/a	n/a	n/a	0
100	n/a	n/a	n/a	n/a	0
125	n/a	n/a	n/a	n/a	0
150	n/a	n/a	n/a	n/a	0
175	n/a	n/a	n/a	n/a	0
200	n/a	n/a	n/a	n/a	0
225	n/a	n/a	n/a	n/a	0
250	n/a	n/a	n/a	n/a	0
300	n/a	n/a	n/a	n/a	0
400	n/a	n/a	n/a	n/a	0
500	n/a	n/a	n/a	n/a	0
600	n/a	n/a	n/a	n/a	0
700	n/a	n/a	n/a	n/a	0
800	n/a	n/a	n/a	n/a	0
900	n/a	n/a	n/a	n/a	0
1000	n/a	n/a	n/a	n/a	0
1200	n/a	n/a	n/a	n/a	0
1500	n/a	n/a	n/a	n/a	0
2000	n/a	n/a	n/a	n/a	0
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0
3500	n/a	n/a	n/a	n/a	0

SOUND

MEAN	S.D.	MAX	MIN	N
1485	2.6	1490	1481	16
1485	2.1	1488	1481	16
1484	2.7	1488	1479	16
1482	3.1	1487	1476	16
1477	2.3	1480	1472	16
1473	2.4	1476	1469	16
1471	2.0	1474	1467	16
1471	2.2	1475	1467	16
1472	2.1	1475	1469	16
1473	1.9	1475	1468	16
1472	1.9	1476	1469	16
1472	1.5	1474	1469	16
1471	1.4	1474	1469	16
1471	.9	1473	1469	16
1472	.4	1473	1471	14
1473	.3	1473	1472	14
1474	.0	1474	1474	14
1475	.0	1475	1475	14
1476	.4	1476	1475	14
1477	.3	1477	1476	14
1478	.0	1478	1478	14
1480	.0	1480	1480	14
1484	.0	1484	1484	11
1491	.7	1491	1490	2
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

DELTA DH

PRESS	MEAN	S.D.	MAX	MIN	N
0	11.736	.3063	12.294	11.304	14
10	11.456	.3058	12.019	11.038	14
20	11.179	.3053	11.744	10.772	14
30	10.908	.3019	11.481	10.513	14
50	10.402	.2976	10.989	10.031	14
75	9.815	.2953	10.411	9.473	14
100	9.277	.2898	9.868	8.975	14
125	8.797	.2572	9.336	8.541	14
150	8.385	.2009	8.826	8.179	14
175	8.015	.1545	8.375	7.844	14
200	7.674	.1325	7.992	7.521	14
225	7.349	.1200	7.638	7.207	14
250	7.035	.1113	7.303	6.902	14
300	6.430	.0973	6.664	6.310	14
400	5.300	.0746	5.477	5.203	14
500	4.260	.0562	4.391	4.185	14
600	3.294	.0410	3.385	3.241	14
700	2.395	.0310	2.461	2.352	14
800	1.552	.0190	1.593	1.528	14
900	.755	.0088	.774	.742	14
1000	.000	.0000	.000	.000	14
1200	-1.406	.0151	-1.391	-1.443	14
1500	-3.319	.0366	-3.272	-3.387	11
2000	-6.125	.1471	-6.021	-6.229	2
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0
3500	n/a	n/a	n/a	n/a	0

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TEMPERATURE

PRESS	MEAN	S.D.	MAX	MIN	N
0	10.77	1.456	13.15	8.82	7
10	10.65	1.404	13.15	8.82	7
20	10.40	1.456	13.13	8.63	7
30	9.35	.532	10.02	8.51	7
50	7.64	.626	8.45	6.84	7
75	6.41	.321	6.96	6.09	7
100	5.79	.334	6.35	5.42	7
125	5.50	.400	6.00	4.91	7
150	5.48	.397	6.07	4.91	7
175	5.27	.437	5.89	4.61	7
200	4.99	.342	5.47	4.39	7
225	4.77	.283	5.07	4.21	7
250	4.60	.239	4.79	4.11	7
300	4.39	.202	4.66	4.18	7
400	4.01	.188	4.12	3.60	7
500	3.89	.042	3.95	3.83	6
600	3.71	.019	3.74	3.69	6
700	3.52	.008	3.53	3.51	6
800	3.33	.034	3.37	3.28	6
900	3.13	.039	3.18	3.07	6
1000	2.97	.045	3.04	2.91	6
1200	2.69	.043	2.77	2.64	6
1500	2.35	.018	2.37	2.32	5
2000	1.95	n/a	n/a	n/a	1
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0
3500	n/a	n/a	n/a	n/a	0

SALINITY

MEAN	S.D.	MAX	MIN	N
32.580	.0881	32.699	32.476	7
32.574	.0886	32.699	32.483	7
32.579	.0900	32.706	32.481	7
32.593	.0970	32.720	32.482	7
32.649	.1003	32.750	32.557	7
32.694	.0996	32.850	32.590	7
32.738	.0953	32.918	32.623	7
33.052	.2497	33.421	32.775	7
33.579	.2230	33.841	33.188	7
33.719	.1150	33.866	33.564	7
33.795	.0716	33.867	33.672	7
33.817	.0604	33.879	33.714	7
33.838	.0492	33.899	33.759	7
33.896	.0296	33.937	33.857	7
33.979	.0350	34.026	33.924	7
34.083	.0185	34.107	34.063	6
34.160	.0182	34.185	34.136	6
34.223	.0203	34.252	34.198	6
34.279	.0187	34.302	34.252	6
34.326	.0166	34.344	34.297	6
34.366	.0155	34.381	34.338	6
34.424	.0135	34.440	34.403	6
34.496	.0163	34.513	34.472	5
34.590	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

SIGMA T

PRESS	MEAN	S.D.	MAX	MIN	N
0	24.946	.2666	25.369	24.591	7
10	24.964	.2540	25.369	24.592	7
20	25.010	.2602	25.405	24.595	7
30	25.203	.1305	25.426	25.008	7
50	25.503	.1127	25.652	25.353	7
75	25.697	.0490	25.756	25.634	7
100	25.816	.0476	25.889	25.729	7
125	26.099	.1710	26.334	25.918	7
150	26.515	.1499	26.674	26.274	7
175	26.651	.0772	26.736	26.519	7
200	26.744	.0219	26.776	26.714	7
225	26.787	.0200	26.818	26.758	7
250	26.822	.0224	26.864	26.797	7
300	26.881	.0204	26.933	26.871	7
400	26.997	.0186	27.026	26.976	7
500	27.091	.0128	27.108	27.077	6
600	27.170	.0144	27.191	27.151	6
700	27.239	.0161	27.262	27.219	6
800	27.303	.0154	27.322	27.277	6
900	27.357	.0147	27.374	27.332	6
1000	27.405	.0127	27.418	27.380	6
1200	27.476	.0106	27.489	27.459	6
1500	27.562	.0130	27.574	27.543	5
2000	27.669	n/a	n/a	n/a	1
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0
3500	n/a	n/a	n/a	n/a	0

SVA

MEAN	S.D.	MAX	MIN	N
301.8	25.40	335.6	261.5	7
300.3	24.23	335.8	261.7	7
296.1	24.79	335.7	258.5	7
277.9	12.45	296.5	256.6	7
249.6	10.73	263.9	235.4	7
231.3	4.63	237.2	225.8	7
220.1	4.48	228.4	213.4	7
193.5	16.20	210.6	171.3	7
154.3	13.25	177.0	139.5	7
141.7	7.32	154.5	133.8	7
133.0	2.00	135.7	130.2	7
129.2	1.80	131.8	126.5	7
126.0	2.08	128.3	122.1	7
119.8	1.96	121.9	115.8	7
110.4	1.76	112.5	107.7	7
102.2	1.16	103.5	100.7	6
95.3	1.35	97.1	93.3	6
89.3	1.47	91.2	87.2	6
83.8	1.49	86.2	82.0	6
78.9	1.42	81.4	77.4	6
74.8	1.22	77.1	73.5	6
68.6	1.00	70.1	67.3	6
61.0	1.20	62.8	59.9	5
51.6	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

THETA

PRESS	MEAN	S.D.	MAX	MIN	N
0	10.77	1.456	13.15	8.82	7
10	10.65	1.401	13.14	8.82	7
20	10.40	1.456	13.13	8.63	7
30	9.35	.532	10.02	8.51	7
50	7.63	.622	8.44	6.84	7
75	6.41	.320	6.95	6.09	7
100	5.78	.334	6.34	5.41	7
125	5.49	.400	5.99	4.90	7
150	5.47	.397	6.06	4.90	7
175	5.26	.433	5.87	4.60	7
200	4.97	.344	5.46	4.37	7
225	4.75	.284	5.05	4.19	7
250	4.58	.234	4.77	4.10	7
300	4.36	.201	4.64	4.16	7
400	3.98	.184	4.09	3.58	7
500	3.86	.043	3.91	3.79	6
600	3.67	.019	3.70	3.65	6
700	3.47	.009	3.48	3.46	6
800	3.27	.033	3.31	3.22	6
900	3.07	.038	3.12	3.01	6
1000	2.90	.045	2.97	2.84	6
1200	2.61	.043	2.69	2.56	6
1500	2.24	.022	2.27	2.21	5
2000	1.81	n/a	n/a	n/a	1
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0
3500	n/a	n/a	n/a	n/a	0

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
301.8	25.40	335.6	261.5	7
300.0	24.19	335.5	261.5	7
295.6	24.76	335.2	258.1	7
277.3	12.39	295.8	256.1	7
248.7	10.69	263.0	234.6	7
230.3	4.65	236.2	224.7	7
218.9	4.59	227.5	212.0	7
192.1	16.47	209.3	169.7	7
152.5	13.38	175.4	137.4	7
139.6	7.35	152.2	131.6	7
130.8	2.12	133.6	127.8	7
126.7	1.93	129.5	123.7	7
123.3	2.14	125.8	119.4	7
116.8	1.92	118.7	112.8	7
106.7	1.74	108.7	104.0	7
97.7	1.20	99.0	96.1	6
90.1	1.37	91.9	88.1	6
83.6	1.50	85.5	81.4	6
77.5	1.49	79.9	75.7	6
72.3	1.39	74.7	70.7	6
67.7	1.18	70.0	66.5	6
60.9	1.00	62.5	59.6	6
52.6	1.26	54.5	51.5	5
42.3	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

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DELTA D

PRESS	MEAN	S.D.	MAX	MIN	N
0	.000	.0000	.000	.000	7
10	.304	.0264	.340	.260	7
20	.601	.0521	.680	.520	7
30	.889	.0689	.990	.780	7
50	1.417	.0785	1.500	1.270	7
75	2.013	.0862	2.100	1.850	7
100	2.577	.0873	2.680	2.420	7
125	3.099	.0891	3.230	2.960	7
150	3.530	.1010	3.680	3.410	7
175	3.900	.1050	4.040	3.760	7
200	4.241	.1114	4.380	4.090	7
225	4.569	.1105	4.700	4.420	7
250	4.887	.1147	5.020	4.740	7
300	5.501	.1170	5.640	5.360	7
400	6.649	.1301	6.810	6.500	7
500	7.687	.1350	7.860	7.560	6
600	8.678	.1434	8.860	8.540	6
700	9.602	.1503	9.780	9.460	6
800	10.470	.1689	10.670	10.300	6
900	11.282	.1741	11.490	11.100	6
1000	12.047	.1818	12.280	11.850	6
1200	13.467	.1832	13.750	13.260	6
1500	15.390	.2229	15.740	15.160	5
2000	17.950	n/a	n/a	n/a	1
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0
3500	n/a	n/a	n/a	n/a	0

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.00	.000	.00	.00	7
.02	.005	.02	.01	7
.06	.006	.07	.05	7
.14	.010	.15	.12	7
.35	.016	.37	.33	7
.73	.023	.76	.69	7
1.23	.031	1.28	1.19	7
1.83	.048	1.92	1.78	7
2.43	.091	2.54	2.30	7
3.04	.126	3.17	2.86	7
3.70	.139	3.85	3.50	7
4.41	.146	4.56	4.19	7
5.18	.153	5.35	4.94	7
6.90	.173	7.10	6.61	7
10.99	.205	11.20	10.61	7
15.82	.245	16.10	15.41	6
21.36	.299	21.70	20.89	6
27.47	.361	27.94	26.96	6
34.12	.480	34.72	33.49	6
41.15	.572	41.98	40.49	6
48.57	.667	49.64	47.82	6
64.46	.938	66.12	63.57	6
91.31	1.374	93.49	89.72	5
139.38	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

OXYGEN

PRESS	MEAN	S.D.	MAX	MIN	N
0	6.78	.283	6.98	6.58	2
10	6.78	.290	6.98	6.57	2
20	6.80	.269	6.99	6.61	2
30	6.80	.283	7.00	6.60	2
50	7.15	.042	7.18	7.12	2
75	7.03	.148	7.13	6.92	2
100	6.65	.361	6.91	6.40	2
125	6.00	.580	6.41	5.59	2
150	4.64	.382	4.91	4.37	2
175	4.09	.078	4.14	4.03	2
200	3.77	.071	3.82	3.72	2
225	3.46	.071	3.51	3.41	2
250	3.11	.163	3.22	2.99	2
300	2.36	.325	2.59	2.13	2
400	1.56	.042	1.59	1.53	2
500	1.06	.057	1.10	1.02	2
600	.76	.000	.76	.76	2
700	.58	.049	.61	.54	2
800	.48	.007	.49	.48	2
900	.45	.021	.46	.43	2
1000	.41	.042	.44	.38	2
1200	.44	.007	.45	.44	2
1500	.68	.071	.73	.63	2
2000	1.26	n/a	n/a	n/a	1
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0
3500	n/a	n/a	n/a	n/a	0

SOUND

MEAN	S.D.	MAX	MIN	N
1490	5.1	1498	1483	7
1490	5.1	1499	1483	7
1489	5.3	1499	1483	7
1485	5.1	1488	1482	7
1479	5.4	1482	1476	7
1475	5.4	1477	1473	7
1473	1.5	1475	1471	7
1472	1.7	1475	1470	7
1474	1.9	1476	1471	7
1473	2.1	1476	1470	7
1473	1.5	1475	1470	7
1472	1.2	1473	1470	7
1472	1.1	1473	1470	7
1472	.8	1473	1471	7
1472	.9	1473	1470	7
1473	.4	1474	1473	6
1474	.0	1474	1474	6
1475	.0	1475	1475	6
1476	.0	1476	1476	6
1477	.0	1477	1477	6
1478	.0	1478	1478	6
1480	.4	1481	1480	6
1484	.0	1484	1484	5
1491	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

DELTA DH

PRESS	MEAN	S.D.	MAX	MIN	N
0	12.048	.1816	12.280	11.852	6
10	11.749	.1753	11.975	11.555	6
20	11.450	.1726	11.668	11.216	6
30	11.161	.1702	11.375	10.906	6
50	10.636	.1609	10.854	10.388	6
75	10.041	.1684	10.290	9.790	6
100	9.480	.1625	9.739	9.251	6
125	8.957	.1436	9.198	8.766	6
150	8.534	.1139	8.716	8.391	6
175	8.166	.1027	8.308	8.046	6
200	7.824	.1014	7.952	7.690	6
225	7.499	.0998	7.624	7.363	6
250	7.180	.0955	7.299	7.048	6
300	6.566	.0873	6.675	6.437	6
400	5.418	.0740	5.526	5.308	6
500	4.359	.0637	4.457	4.264	6
600	3.371	.0530	3.458	3.297	6
700	2.448	.0398	2.516	2.394	6
800	1.578	.0288	1.630	1.549	6
900	.767	.0135	.792	.753	6
1000	.000	.0000	.000	.000	6
1200	-1.417	.0418	-1.344	-1.470	6
1500	-3.376	.0566	-3.308	-3.462	5
2000	-6.100	n/a	n/a	n/a	1
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0
3500	n/a	n/a	n/a	n/a	0

STATION MP22 A U G U S T 1956 to 1990

TEMPERATURE

PRESS	MEAN	S.D.	MAX	MIN	N
0	13.12	1.290	15.20	11.11	21
10	13.10	1.224	15.21	11.10	21
20	12.49	1.204	14.40	10.32	21
30	10.48	1.260	13.20	8.47	21
50	7.47	.703	8.82	6.34	21
75	6.23	.551	7.04	5.32	21
100	5.63	.357	6.56	4.74	21
125	5.39	.366	6.18	4.91	21
150	5.39	.395	6.33	4.85	21
175	5.23	.358	5.97	4.34	21
200	4.98	.292	5.54	4.39	21
225	4.75	.238	5.1	4.30	21
250	4.55	.231	4.9	4.13	21
300	4.37	.218	4.64	3.85	20
400	3.98	.100	4.14	3.81	19
500	3.83	.079	3.98	3.71	19
600	3.62	.064	3.79	3.57	19
700	3.46	.054	3.55	3.35	19
800	3.28	.047	3.37	3.18	19
900	3.10	.044	3.20	3.03	19
1000	2.95	.048	3.05	2.87	19
1200	2.66	.040	2.74	2.58	18
1500	2.34	.042	2.41	2.29	12
2000	1.96	.013	1.97	1.94	5
2500	1.74	.007	1.74	1.73	3
3000	1.59	.007	1.59	1.58	2
3500	1.55	n/a	n/a	n/a	1

SALINITY

MEAN	S.D.	MAX	MIN	N
32.513	.1168	32.740	32.255	21
32.511	.1038	32.724	32.336	21
32.523	.1027	32.711	32.327	21
32.560	.0938	32.737	32.414	21
32.635	.1019	32.779	32.460	21
32.682	.0879	32.856	32.525	21
32.815	.1029	33.076	32.678	21
33.273	.1856	33.604	32.919	21
33.629	.1551	33.798	33.164	21
33.763	.0859	33.864	33.500	21
33.812	.0490	33.889	33.718	21
33.830	.0380	33.893	33.744	21
33.852	.0379	33.914	33.752	21
33.891	.0345	33.972	33.811	20
33.991	.0349	34.060	33.896	19
34.097	.0215	34.133	34.046	19
34.175	.0180	34.208	34.147	19
34.242	.0146	34.268	34.211	19
34.295	.0182	34.323	34.252	19
34.338	.0178	34.362	34.288	19
34.375	.0152	34.397	34.331	19
34.438	.0157	34.464	34.393	18
34.507	.0110	34.523	34.490	12
34.583	.0119	34.594	34.567	5
34.625	.0192	34.639	34.612	3
34.653	.0166	34.666	34.641	2
34.655	n/a	n/a	n/a	1

SIGMA T

PRESS	MEAN	S.D.	MAX	MIN	N
0	24.461	.2946	24.873	23.899	21
10	24.463	.2721	24.883	24.057	21
20	24.591	.2758	25.007	24.111	21
30	24.983	.2562	25.345	24.455	21
50	25.514	.1601	25.745	25.183	21
75	25.716	.1212	25.901	25.518	21
100	25.895	.1173	26.073	25.700	21
125	26.086	.1364	26.533	26.029	21
150	26.267	.1088	26.490	26.093	21
175	26.490	.0618	26.757	26.485	21
200	26.759	.0310	26.812	26.687	21
225	26.799	.0258	26.839	26.746	21
250	26.838	.0248	26.874	26.794	21
300	26.899	.0248	26.943	26.847	20
400	27.009	.0279	27.054	26.923	19
500	27.109	.0161	27.138	27.080	19
600	27.188	.0158	27.218	27.156	19
700	27.251	.0144	27.285	27.237	19
800	27.320	.0159	27.346	27.287	19
900	27.370	.0148	27.395	27.332	19
1000	27.413	.0131	27.433	27.380	19
1200	27.489	.0130	27.510	27.453	18
1500	27.572	.0109	27.588	27.557	12
2000	27.663	.0089	27.672	27.649	5
2500	27.715	.0158	27.725	27.704	2
3000	27.748	.0132	27.757	27.739	2
3500	27.751	n/a	n/a	n/a	1

SVA

MEAN	S.D.	MAX	MIN	N
348.0	28.08	401.6	308.7	21
348.0	25.93	386.8	308.0	21
336.1	26.31	381.9	296.4	21
298.9	24.46	349.3	264.3	21
248.5	15.28	280.1	226.4	21
229.4	11.59	248.3	211.8	21
212.6	11.22	231.3	195.7	21
175.8	12.92	200.1	152.4	21
149.5	10.28	183.8	137.8	21
138.0	5.89	157.4	131.5	21
131.6	2.99	138.5	126.6	21
128.0	2.49	133.0	123.8	21
124.4	2.38	128.8	120.8	21
118.9	2.40	124.0	114.5	20
109.2	2.68	117.4	104.8	19
100.4	1.51	103.0	97.7	19
93.5	1.52	96.7	90.6	19
87.2	1.41	89.6	84.8	19
82.1	1.53	85.1	79.4	19
77.6	1.45	81.1	75.2	19
73.9	1.31	77.0	71.9	19
67.3	1.24	70.6	65.2	18
60.1	1.02	61.6	58.4	12
52.1	.84	53.5	51.4	5
48.1	1.27	49.0	47.2	2
45.5	1.06	46.3	44.8	2
46.4	n/a	n/a	n/a	1

THETA

PRESS	MEAN	S.D.	MAX	MIN	N
0	13.12	1.290	15.20	11.11	21
10	13.10	1.224	15.21	11.10	21
20	12.49	1.204	14.40	10.32	21
30	10.48	1.261	13.20	8.47	21
50	7.47	.701	8.81	6.34	21
75	6.23	.552	7.03	5.31	21
100	5.63	.357	6.55	4.73	21
125	5.38	.366	6.17	4.90	21
150	5.38	.394	6.31	4.64	21
175	5.22	.356	5.95	4.53	21
200	4.96	.290	5.52	4.38	21
225	4.73	.238	5.16	4.28	21
250	4.53	.230	4.93	4.11	21
300	4.25	.218	4.62	3.83	20
400	3.95	.100	4.12	3.78	19
500	3.79	.079	3.94	3.67	19
600	3.60	.064	3.75	3.52	19
700	3.41	.055	3.50	3.30	19
800	3.22	.046	3.31	3.13	19
900	3.04	.043	3.14	2.97	19
1000	2.88	.047	2.98	2.80	19
1200	2.58	.039	2.66	2.50	18
1500	2.23	.040	2.30	2.19	12
2000	1.82	.013	1.83	1.80	5
2500	1.55	.007	1.56	1.55	2
3000	1.36	.014	1.37	1.35	2
3500	1.28	n/a	n/a	n/a	1

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
348.0	28.08	401.6	308.7	21
347.8	25.93	386.5	307.8	21
335.6	26.31	381.3	296.0	21
298.2	24.38	348.5	263.8	21
247.7	15.22	279.3	225.7	21
228.5	11.51	247.3	211.0	21
211.5	11.13	230.0	194.5	21
174.4	12.94	198.7	150.9	21
147.6	10.32	182.1	135.9	21
135.9	5.88	155.4	129.5	21
129.4	2.98	136.2	124.3	21
125.5	2.42	130.6	121.8	21
121.9	2.35	126.0	118.4	21
116.1	2.34	121.0	111.9	20
105.6	2.66	113.7	101.3	19
96.0	1.52	98.7	93.3	19
88.4	1.50	91.4	85.6	19
81.5	1.37	83.8	79.2	19
75.9	1.51	79.0	73.3	19
71.1	1.41	74.6	68.7	19
66.9	1.27	70.1	65.0	19
59.7	1.22	63.0	57.7	18
51.7	.98	53.1	50.2	11
42.8	.89	44.2	42.0	5
37.8	1.41	38.8	36.8	2
34.3	1.27	35.2	33.4	2
33.7	n/a	n/a	n/a	1

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DELTA D

PRESS	MEAN	S.D.	MAX	MIN	N
0	.000	.0000	.000	.000	21
10	.350	.0278	.400	.310	21
20	.695	.0524	.780	.610	21
30	1.015	.0707	1.130	.910	21
50	1.557	.0906	1.710	1.410	21
75	2.151	.1168	2.370	1.970	21
100	2.700	.1365	2.960	2.500	21
125	3.189	.1473	3.460	2.970	21
150	3.592	.1490	3.840	3.350	21
175	3.950	.1520	4.180	3.700	21
200	4.286	.1550	4.510	4.030	21
225	4.608	.1559	4.830	4.350	21
250	4.925	.1592	5.150	4.660	21
300	5.534	.1672	5.760	5.270	20
400	6.665	.1764	6.920	6.390	19
500	7.712	.1806	7.990	7.440	19
600	8.681	.1836	8.980	8.400	19
700	9.585	.1866	9.890	9.290	19
800	10.431	.1939	10.750	10.110	19
900	11.228	.1995	11.570	10.890	19
1000	11.986	.2048	12.340	11.630	19
1200	13.387	.2132	13.790	13.020	18
1500	15.336	.2061	15.730	14.940	12
2000	18.130	.1595	18.350	17.910	5
2500	20.730	.2545	20.910	20.550	5
3000	23.075	.2899	23.280	22.870	4
3500	25.610	n/a	n/a	n/a	1

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.00	.000	.00	.00	21
.02	.000	.02	.02	21
.07	.007	.08	.06	21
.15	.011	.17	.14	21
.27	.021	.31	.24	21
.45	.038	.52	.39	21
.69	.062	.82	.59	21
1.24	.062	1.36	1.15	21
1.80	.078	1.93	1.71	21
2.36	.095	2.51	2.24	21
2.86	.112	3.02	2.81	21
3.35	.125	3.59	3.34	21
3.80	.138	4.01	4.12	21
4.30	.147	4.59	4.06	21
5.05	.176	5.33	4.81	21
6.77	.250	7.27	6.51	20
10.83	.310	11.27	10.41	19
15.53	.360	16.20	15.06	19
21.06	.423	21.93	20.38	19
27.04	.504	27.76	26.26	19
33.50	.594	34.33	32.51	19
40.41	.697	41.39	39.38	19
47.75	.807	48.92	46.48	19
63.55	1.158	65.11	62.01	18
80.75	1.786	91.81	88.01	12
139.80	4.794	142.53	137.68	5
197.78	5.954	201.17	194.39	5
263.43	n/a	267.64	259.22	4
344.73	n/a	n/a	n/a	1

OXYGEN

PRESS	MEAN	S.D.	MAX	MIN	N
0	6.29	.186	6.50	6.14	3
10	6.33	.146	6.38	6.09	3
20	6.35	.229	6.61	6.20	3
30	6.95	.135	7.10	6.84	3
50	7.08	.237	7.39	6.85	3
75	6.92	.332	7.33	6.57	3
100	6.21	.565	6.90	5.54	3
125	4.98	.644	5.57	4.24	3
150	4.19	.430	4.45	3.69	3
175	3.72	.552	4.13	3.09	3
200	3.44	.514	3.91	2.89	3
225	3.12	.521	3.65	2.62	3
250	2.83	.536	3.42	2.37	3
300	2.13	.356	2.53	1.82	3
400	1.59	.098	1.71	1.45	3
500	1.05	.035	1.08	1.03	3
600	.72	.085	.80	.63	3
700	.59	.038	.62	.55	3
800	.52	.035	.55	.49	3
900	.49	.023	.52	.48	3
1000	.47	.017	.48	.45	3
1200	.54	.028	.56	.52	2
1500	.72	.099	.79	.65	5
2000	1.36	.113	1.47	1.31	5
2500	1.85	n/a	n/a	n/a	1
3000	2.50	n/a	n/a	n/a	1
3500	2.80	n/a	n/a	n/a	1

SOUND

MEAN	S.D.	MAX	MIN	N
1498	4.5	1505	1491	21
1498	4.1	1505	1491	21
1496	4.2	1503	1489	21
1489	4.5	1499	1482	21
1479	2.7	1484	1474	21
1474	3.1	1477	1470	21
1472	3.3	1476	1469	21
1473	1.6	1476	1470	21
1473	1.7	1477	1470	21
1473	1.5	1476	1470	21
1473	1.4	1475	1470	21
1473	1.1	1474	1470	21
1472	.9	1473	1470	21
1471	.9	1473	1470	21
1472	.6	1473	1471	21
1473	.5	1474	1472	21
1474	.5	1475	1474	21
1475	.5	1476	1475	21
1476	0	1476	1476	21
1477	0	1477	1477	21
1478	0	1478	1478	21
1480	0	1480	1480	21
1484	0	1484	1484	21
1491	4	1491	1490	2
1498	0	1498	1498	2
1506	0	1506	1506	2
1514	n/a	n/a	n/a	1

DELTA DH

PRESS	MEAN	S.D.	MAX	MIN	N
0	11.985	.2047	12.343	11.628	19
10	11.639	.2020	12.019	11.288	19
20	11.296	.1977	11.694	10.930	19
30	10.976	.1879	11.371	10.628	19
50	10.435	.1728	10.796	10.122	19
75	9.840	.1701	10.166	9.547	19
100	9.292	.1614	9.576	9.029	19
125	8.804	.1451	9.040	8.551	19
150	8.402	.1309	8.619	8.189	19
175	8.044	.1225	8.250	7.842	19
200	7.708	.1168	7.897	7.513	19
225	7.384	.1114	7.558	7.191	19
250	7.069	.1067	7.232	6.879	19
300	6.460	.0970	6.605	6.281	19
400	5.329	.0787	5.438	5.168	19
500	4.373	.0667	4.389	4.150	19
600	3.505	.0544	3.610	3.397	19
700	2.701	.0417	2.792	2.634	19
800	1.955	.0283	1.993	1.911	19
900	.758	.0141	.793	.734	19
1000	.000	.0000	.000	.000	19
1200	-1.409	.0230	-1.385	-1.470	18
1500	-3.314	.0438	-3.258	-3.387	12
2000	-6.122	.0810	-6.026	-6.250	5
2500	-8.456	.2185	-8.501	-8.810	5
3000	-10.999	.2602	-10.815	-11.183	4
3500	-13.510	n/a	n/a	n/a	1

STATION MP22 S E P T E M B E R 1956 to 1990

TEMPERATURE

PRESS	MEAN	S.D.	MAX	MIN	N
0	13.70	.687	14.70	11.63	17
10	13.64	.693	14.63	11.62	17
20	13.54	.695	14.28	11.58	17
30	12.61	1.618	14.14	9.01	17
50	7.87	.645	8.88	6.53	17
75	6.45	.533	7.50	5.61	17
100	5.85	.422	6.43	5.16	17
125	5.54	.452	6.25	4.91	17
150	5.47	.534	6.21	4.42	17
175	5.27	.390	5.87	4.22	17
200	5.07	.323	5.38	4.56	17
225	4.84	.323	5.35	4.33	17
250	4.62	.297	5.12	4.17	17
300	4.33	.197	4.74	3.92	17
400	4.07	.133	4.28	3.73	16
500	3.91	.090	4.08	3.75	16
600	3.71	.063	3.80	3.61	16
700	3.52	.075	3.67	3.41	16
800	3.34	.071	3.52	3.25	16
900	3.14	.060	3.30	3.07	16
1000	2.98	.058	3.14	2.90	16
1200	2.69	.042	2.79	2.63	16
1500	2.36	.030	2.42	2.33	8
2000	1.96	.015	1.98	1.95	4
2500	1.75	.000	1.75	1.75	2
3000	1.62	.035	1.64	1.59	2
3500	1.55	n/a	n/a	n/a	1

SALINITY

MEAN	S.D.	MAX	MIN	N
32.499	.0692	32.613	32.370	17
32.498	.0664	32.638	32.401	17
32.500	.0672	32.642	32.410	17
32.516	.0680	32.644	32.421	17
32.672	.1082	32.890	32.510	17
32.714	.1130	32.940	32.550	17
32.801	.1316	33.020	32.601	17
33.239	.2645	33.631	32.809	17
33.628	.1715	33.890	33.248	17
33.756	.0996	33.920	33.531	17
33.806	.0650	33.920	33.661	17
33.826	.0519	33.920	33.699	17
33.838	.0472	33.920	33.729	17
33.881	.0336	33.953	33.808	17
33.983	.0232	34.040	33.931	16
34.091	.0220	34.136	34.056	16
34.167	.0271	34.236	34.117	16
34.229	.0256	34.284	34.184	16
34.286	.0193	34.324	34.248	16
34.330	.0175	34.365	34.299	16
34.367	.0177	34.403	34.332	16
34.428	.0183	34.469	34.382	16
34.501	.0234	34.534	34.454	8
34.571	.0232	34.595	34.542	4
34.630	.0071	34.637	34.623	2
34.656	.0124	34.666	34.647	2
34.668	n/a	n/a	n/a	1

SIGMA T

PRESS	MEAN	S.D.	MAX	MIN	N
0	24.338	.1334	24.693	24.113	17
10	24.350	.1393	24.691	24.124	17
20	24.372	.1360	24.693	24.206	17
30	24.558	.3108	25.255	24.265	17
50	25.488	.1214	25.679	25.309	17
75	25.714	.1209	25.864	25.447	17
100	25.859	.1057	26.047	25.686	17
125	26.240	.1700	26.492	25.969	17
150	26.555	.1109	26.699	26.276	17
175	26.681	.0644	26.755	26.527	17
200	26.743	.0436	26.793	26.641	17
225	26.786	.0339	26.826	26.707	17
250	26.820	.0308	26.869	26.748	17
300	26.885	.0285	26.943	26.816	17
400	26.993	.0222	27.057	26.953	16
500	27.095	.0205	27.140	27.059	16
600	27.176	.0243	27.229	27.127	16
700	27.244	.0235	27.290	27.198	16
800	27.306	.0170	27.340	27.269	16
900	27.360	.0154	27.390	27.326	16
1000	27.405	.0157	27.436	27.369	16
1200	27.480	.0156	27.513	27.442	16
1500	27.565	.0201	27.592	27.525	8
2000	27.653	.0187	27.673	27.629	4
2500	27.717	.0061	27.722	27.711	2
3000	27.748	.0126	27.757	27.738	2
3500	27.762	n/a	n/a	n/a	1

SVA

MEAN	S.D.	MAX	MIN	N
359.7	12.69	381.1	325.9	17
358.8	13.28	380.4	326.3	17
357.0	12.99	372.8	326.3	17
339.5	29.66	367.4	272.9	17
251.0	11.58	268.0	232.7	17
229.6	11.54	255.2	215.4	17
216.1	10.07	232.6	198.1	17
180.2	16.02	205.8	156.2	17
150.6	10.46	176.9	137.2	17
138.9	6.10	153.3	132.1	17
133.1	4.15	143.0	126.7	17
129.3	3.26	137.0	125.4	17
126.2	2.98	133.2	121.4	17
120.4	2.74	127.1	114.9	17
110.8	2.16	114.7	104.6	16
101.8	1.98	105.4	97.5	16
94.8	2.33	99.5	89.8	16
88.8	2.25	93.4	84.6	16
83.4	1.69	87.1	80.2	16
78.7	1.51	82.0	75.8	16
74.8	1.54	78.4	71.9	16
68.2	1.48	71.7	65.1	16
60.8	1.91	64.6	58.2	8
53.2	1.82	55.4	51.2	4
48.0	.64	48.4	47.5	2
45.8	1.41	46.8	44.8	2
45.4	n/a	n/a	n/a	1

THETA

PRESS	MEAN	S.D.	MAX	MIN	N
0	13.70	.687	14.70	11.63	17
10	13.64	.693	14.63	11.62	17
20	13.54	.694	14.28	11.58	17
30	12.61	1.618	14.14	9.01	17
50	7.87	.641	8.87	6.53	17
75	6.44	.534	7.49	5.60	17
100	5.84	.421	6.42	5.15	17
125	5.53	.452	6.24	4.90	17
150	5.46	.534	6.20	4.41	17
175	5.26	.388	5.86	4.51	17
200	5.05	.323	5.56	4.57	17
225	4.82	.353	5.33	4.31	17
250	4.60	.297	5.10	4.15	17
300	4.31	.197	4.72	3.90	17
400	4.04	.133	4.25	3.70	16
500	3.87	.090	4.05	3.71	16
600	3.67	.064	3.76	3.56	16
700	3.47	.075	3.62	3.36	16
800	3.28	.072	3.47	3.19	16
900	3.08	.060	3.24	3.01	16
1000	2.91	.058	3.07	2.83	16
1200	2.60	.043	2.71	2.55	16
1500	2.26	.031	2.32	2.23	8
2000	1.82	.015	1.84	1.81	4
2500	1.57	.000	1.57	1.57	2
3000	1.39	.035	1.42	1.37	2
3500	1.28	n/a	n/a	n/a	1

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
359.7	12.69	381.1	325.9	17
358.5	13.26	380.1	326.1	17
356.5	12.55	372.2	325.9	17
338.7	29.59	366.6	272.4	17
250.2	11.56	267.2	232.0	17
228.6	11.48	254.0	214.4	17
214.9	10.05	231.3	197.1	17
178.7	16.16	204.4	154.7	17
148.8	10.52	175.2	135.1	17
136.8	6.11	151.4	129.7	17
130.8	4.13	140.5	126.1	17
126.8	3.21	134.3	123.0	17
123.5	2.92	130.3	118.9	17
117.4	2.69	123.9	111.9	17
107.1	2.10	110.8	101.0	16
97.3	1.95	100.7	93.0	16
89.6	2.30	94.2	84.5	16
83.1	2.22	87.5	78.8	16
77.1	1.64	80.7	73.9	16
72.0	1.47	75.2	69.1	16
67.9	1.49	71.2	64.9	16
60.5	1.46	64.1	57.4	16
52.4	1.89	56.1	49.7	8
43.8	1.81	46.1	41.9	4
37.5	.71	38.0	37.0	2
34.4	1.20	35.2	33.5	2
32.6	n/a	n/a	n/a	1

STATION MP22 S E P T E M B E R 1956 to 1990

DELTA D

PRESS	MEAN	S.D.	MAX	MIN	N
0	.000	.0000	.000	.000	17
10	.359	.0122	.380	.330	17
20	.718	.0265	.760	.650	17
30	1.070	.0379	1.130	.980	17
50	1.653	.0717	1.750	1.530	17
75	2.254	.0813	2.370	2.100	17
100	2.806	.1022	2.970	2.610	17
125	3.304	.1289	3.510	3.050	17
150	3.713	.1549	3.940	3.410	17
175	4.072	.1716	4.340	3.750	17
200	4.411	.1797	4.710	4.080	17
225	4.739	.1858	5.050	4.400	17
250	5.059	.1918	5.380	4.710	17
300	5.674	.2026	6.010	5.320	17
400	6.850	.1936	7.180	6.560	16
500	7.912	.2026	8.270	7.640	16
600	8.894	.2127	9.290	8.590	16
700	9.812	.2247	10.260	9.460	16
800	10.672	.2370	11.160	10.290	16
900	11.483	.2455	12.000	11.070	16
1000	12.251	.2580	12.810	11.810	16
1200	13.676	.2727	14.280	13.180	16
1500	15.541	.2962	15.870	15.020	8
2000	18.505	.2510	18.740	18.190	4
2500	20.800	.1980	20.940	20.660	2
3000	23.150	.2545	23.330	22.970	2
3500	25.640	n/a	n/a	n/a	1

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.00	.000	.00	.00	17
.02	.000	.02	.02	17
.07	.004	.08	.07	17
.16	.007	.17	.15	17
.40	.022	.43	.36	17
.78	.031	.82	.72	17
1.27	.052	1.36	1.18	17
1.84	.085	1.97	1.67	17
2.41	.121	2.59	2.19	17
3.01	.148	3.27	2.75	17
3.66	.167	3.97	3.38	17
4.37	.183	4.71	4.07	17
5.14	.198	5.51	4.82	17
6.87	.226	7.28	6.52	17
11.00	.263	11.51	10.62	16
15.87	.321	16.48	15.24	16
21.37	.400	22.19	20.49	16
27.45	.530	28.60	26.25	16
34.02	.659	35.47	32.54	16
41.04	.784	42.78	39.30	16
48.47	.925	50.57	46.45	16
64.45	1.181	67.07	61.80	16
90.59	1.974	93.62	87.19	8
142.57	3.488	147.01	138.52	4
197.45	3.238	199.74	195.16	2
263.35	4.730	266.69	260.00	2
343.25	n/a	n/a	n/a	1

OXYGEN

PRESS	MEAN	S.D.	MAX	MIN	N
0	6.25	.302	6.51	5.92	3
10	6.35	.378	6.78	6.06	3
20	6.27	.157	6.45	6.15	3
30	6.28	.113	6.41	6.21	3
50	7.05	.165	7.21	6.88	3
75	6.96	.104	7.08	6.88	3
100	6.87	.260	7.12	6.60	3
125	6.07	.737	6.92	5.61	3
150	4.85	.344	5.06	4.45	3
175	4.15	.197	4.31	3.93	3
200	3.75	.146	3.89	3.60	3
225	3.45	.113	3.58	3.38	3
250	3.18	.137	3.30	3.03	3
300	2.58	.147	2.71	2.42	3
400	1.68	.175	1.86	1.51	3
500	1.03	.040	1.07	.99	3
600	.77	.051	.83	.73	3
700	.60	.035	.64	.58	3
800	.50	.036	.54	.47	3
900	.47	.021	.49	.45	3
1000	.46	.015	.47	.44	3
1200	.51	.053	.55	.45	3
1500	.68	.053	.72	.62	3
2000	1.32	.057	1.36	1.28	2
2500	1.91	n/a	n/a	n/a	1
3000	2.72	n/a	n/a	n/a	1
3500	2.93	n/a	n/a	n/a	1

SOUND

MEAN	S.D.	MAX	MIN	N
1500	2.2	1503	1493	17
1500	2.3	1503	1493	17
1500	2.3	1502	1493	17
1497	2.7	1502	1484	17
1480	2.5	1484	1475	17
1475	2.1	1479	1472	17
1473	1.7	1476	1470	17
1473	2.0	1476	1470	17
1473	2.4	1477	1469	17
1473	1.7	1476	1470	17
1473	1.4	1475	1471	17
1473	1.4	1475	1470	17
1472	1.3	1474	1470	17
1472	.9	1473	1470	17
1472	.6	1473	1471	16
1473	.5	1474	1473	16
1474	.5	1475	1474	16
1475	.4	1476	1475	16
1476	.3	1477	1476	16
1477	.3	1478	1477	16
1478	.3	1479	1478	16
1480	.3	1481	1480	16
1484	.0	1484	1484	8
1491	.0	1491	1491	4
1498	.0	1498	1498	2
1506	.0	1506	1506	2
1514	n/a	n/a	n/a	1

DELTA DH

PRESS	MEAN	S.D.	MAX	MIN	N
0	12.250	.2578	12.806	11.806	16
10	11.890	.2510	12.439	11.466	16
20	11.531	.2442	12.071	11.129	16
30	11.177	.2374	11.703	10.790	16
50	10.587	.2151	11.056	10.193	16
75	9.987	.2038	10.432	9.590	16
100	9.431	.1861	9.835	9.072	16
125	8.931	.1704	9.297	8.576	16
150	8.518	.1632	8.869	8.155	16
175	8.157	.1552	8.490	7.799	16
200	7.818	.1483	8.133	7.471	16
225	7.489	.1431	7.792	7.152	16
250	7.170	.1386	7.463	6.844	16
300	6.554	.1297	6.829	6.254	16
400	5.400	.1110	5.636	5.158	16
500	4.338	.0929	4.535	4.148	16
600	3.356	.0725	3.516	3.211	16
700	2.438	.0490	2.549	2.342	16
800	1.578	.0311	1.650	1.519	16
900	.768	.0156	.805	.739	16
1000	.000	.0000	.000	.000	16
1200	-1.426	.0268	-1.369	-1.479	16
1500	-3.347	.0883	-3.217	-3.518	8
2000	-6.270	.1878	-6.066	-6.521	4
2500	-8.648	.1577	-8.537	-8.760	2
3000	-11.000	.2121	-10.850	-11.150	2
3500	-13.461	n/a	n/a	n/a	1

STATION MP22 O C T O B E R 1956 to 1990

TEMPERATURE

PRESS	MEAN	S.D.	MAX	MIN	N
0	11.56	1.751	13.87	9.65	5
10	11.55	1.750	13.87	9.65	5
20	11.55	1.759	13.87	9.65	5
30	11.16	1.256	12.80	9.65	5
50	9.85	2.598	12.56	5.63	5
75	6.57	.988	7.82	5.20	5
100	5.67	.790	6.88	4.87	5
125	5.37	.560	6.27	4.75	5
150	5.45	.332	6.03	5.23	5
175	5.35	.345	5.92	5.01	5
200	5.13	.306	5.64	4.87	5
225	4.88	.274	5.35	4.68	5
250	4.69	.227	5.05	4.48	5
300	4.42	.255	4.80	4.21	5
400	4.16	.159	4.37	3.94	5
500	3.90	.089	3.98	3.80	4
600	3.67	.062	3.72	3.60	4
700	3.47	.048	3.52	3.42	4
800	3.27	.050	3.33	3.21	4
900	3.10	.050	3.16	3.04	4
1000	2.93	.050	2.98	2.87	4
1200	2.65	.046	2.69	2.59	4
1500	2.32	.029	2.34	2.29	3
2000	1.94	.049	1.97	1.90	2
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0
3500	n/a	n/a	n/a	n/a	0

SALINITY

MEAN	S.D.	MAX	MIN	N
32.457	.0867	32.578	32.372	5
32.449	.0779	32.576	32.375	5
32.449	.0760	32.573	32.375	5
32.466	.1036	32.643	32.374	5
32.502	.1830	32.825	32.385	5
32.653	.1170	32.851	32.547	5
32.860	.1386	33.018	32.638	5
33.337	.2927	33.614	32.846	5
33.652	.1093	33.762	33.497	5
33.793	.0210	33.820	33.769	5
33.835	.0211	33.867	33.813	5
33.851	.0183	33.879	33.831	5
33.863	.0245	33.897	33.837	5
33.900	.0210	33.935	33.884	5
34.009	.0297	34.055	33.973	5
34.092	.0286	34.128	34.057	4
34.173	.0195	34.201	34.155	4
34.238	.0183	34.261	34.222	4
34.295	.0217	34.323	34.278	4
34.345	.0254	34.377	34.324	4
34.385	.0258	34.416	34.364	4
34.445	.0264	34.474	34.421	4
34.508	.0184	34.530	34.496	3
34.583	.0024	34.588	34.577	2
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

SIGMA T

PRESS	MEAN	S.D.	MAX	MIN	N
0	24.709	.3064	25.021	24.367	5
10	24.704	.2989	25.028	24.366	5
20	24.704	.3014	25.028	24.363	5
30	24.793	.2329	25.028	24.423	5
50	25.024	.5359	25.905	24.478	5
75	25.648	.2056	25.975	25.438	5
100	25.924	.1836	26.048	25.600	5
125	26.338	.2865	26.550	25.843	5
150	26.577	.1186	26.678	26.385	5
175	26.700	.0500	26.729	26.613	5
200	26.759	.0336	26.780	26.700	5
225	26.802	.0325	26.825	26.746	5
250	26.832	.0349	26.865	26.778	5
300	26.890	.0306	26.919	26.841	5
400	27.004	.0345	27.044	26.954	5
500	27.097	.0304	27.135	27.062	4
600	27.185	.0213	27.214	27.165	4
700	27.256	.0180	27.278	27.241	4
800	27.320	.0195	27.343	27.303	4
900	27.375	.0230	27.401	27.354	4
1000	27.423	.0243	27.450	27.402	4
1200	27.496	.0241	27.520	27.473	4
1500	27.574	.0173	27.594	27.563	3
2000	27.665	.0092	27.672	27.657	2
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0
3500	n/a	n/a	n/a	n/a	0

SVA

MEAN	S.D.	MAX	MIN	N
324.4	29.15	356.9	294.7	5
325.1	28.50	357.3	294.2	5
325.2	28.77	357.8	294.3	5
317.0	22.24	352.3	294.5	5
295.4	51.19	347.5	211.2	5
236.0	19.70	256.2	204.7	5
209.8	17.59	240.9	198.0	5
170.9	27.30	218.0	150.7	5
148.4	11.30	166.8	138.9	5
137.1	4.81	145.5	134.3	5
131.7	3.32	137.5	129.7	5
127.8	3.21	133.3	125.6	5
125.1	3.39	130.4	121.9	5
119.9	3.03	124.8	117.1	5
109.9	3.40	114.8	106.1	5
101.6	2.96	105.0	97.9	4
93.9	2.08	95.8	91.1	4
87.6	1.78	89.1	85.5	4
82.1	1.91	83.8	79.9	4
77.2	2.17	79.3	74.8	4
73.0	2.29	75.0	70.5	4
66.6	2.35	68.8	64.3	4
59.8	1.76	60.9	57.8	3
51.9	1.20	52.8	51.1	2
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

THETA

PRESS	MEAN	S.D.	MAX	MIN	N
0	11.56	1.751	13.87	9.65	5
10	11.55	1.750	13.87	9.65	5
20	11.55	1.759	13.87	9.65	5
30	11.16	1.256	12.80	9.65	5
50	9.84	2.594	12.55	5.63	5
75	6.56	.988	7.81	5.19	5
100	5.66	.790	6.87	4.86	5
125	5.36	.560	6.26	4.74	5
150	5.44	.332	6.02	5.22	5
175	5.34	.341	5.90	5.00	5
200	5.11	.306	5.62	4.85	5
225	4.86	.274	5.33	4.66	5
250	4.67	.227	5.03	4.46	5
300	4.40	.255	4.78	4.19	5
400	4.13	.159	4.34	3.91	5
500	3.86	.085	3.94	3.77	4
600	3.63	.062	3.68	3.56	4
700	3.42	.048	3.47	3.37	4
800	3.22	.050	3.27	3.15	4
900	3.04	.050	3.10	2.98	4
1000	2.86	.050	2.91	2.80	4
1200	2.57	.046	2.61	2.51	4
1500	2.22	.029	2.24	2.19	3
2000	1.80	.049	1.83	1.76	2
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0
3500	n/a	n/a	n/a	n/a	0

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
324.4	29.15	356.9	294.7	5
324.9	28.48	357.1	294.0	5
324.8	28.72	357.3	293.9	5
316.3	22.17	351.5	293.9	5
294.4	50.96	346.3	210.6	5
234.9	19.52	254.9	203.9	5
208.7	17.44	239.5	197.0	5
169.4	27.22	216.4	149.2	5
146.6	11.21	164.8	137.1	5
135.0	4.70	143.2	132.3	5
129.3	3.23	135.0	127.3	5
125.3	3.07	130.5	123.1	5
122.4	3.29	127.5	119.3	5
118.8	2.90	121.5	114.1	5
106.0	3.37	110.7	102.2	5
97.1	2.87	100.4	93.5	4
88.8	2.03	90.6	86.0	4
82.0	1.70	83.4	79.9	4
75.9	1.86	77.5	73.7	4
70.6	2.12	72.6	68.2	4
66.0	2.25	68.0	63.5	4
59.0	2.33	61.2	56.7	4
51.5	1.67	52.5	49.6	3
42.8	.92	43.4	42.1	2
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

STATION MP22 O C T O B E R 1956 to 1990

DELTA D

PRESS	MEAN	S.D.	MAX	MIN	N
0	.000	.0000	.000	.000	5
10	.324	.0305	.360	.290	5
20	.650	.0534	.710	.590	5
30	.974	.0835	1.060	.880	5
50	1.588	.1062	1.760	1.480	5
75	2.246	.1630	2.500	2.080	5
100	2.802	.2044	3.120	2.590	5
125	3.278	.2534	3.700	3.040	5
150	3.676	.3009	4.190	3.410	5
175	4.028	.3162	4.570	3.750	5
200	4.362	.3248	4.920	4.080	5
225	4.688	.3331	5.260	4.400	5
250	5.004	.3396	5.590	4.720	5
300	5.616	.3546	6.230	5.330	5
400	6.760	.3814	7.420	6.470	5
500	7.863	.4526	8.520	7.540	4
600	8.838	.4689	9.520	8.520	4
700	9.745	.4766	10.440	9.420	4
800	10.595	.4895	11.310	10.250	4
900	11.388	.5009	12.120	11.020	4
1000	12.142	.5178	12.900	11.750	4
1200	13.530	.5420	14.320	13.090	4
1500	15.477	.7102	16.270	14.900	3
2000	18.585	.6859	19.070	18.100	2
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0
3500	n/a	n/a	n/a	n/a	0

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.00	.000	.00	.00	5
.02	.004	.02	.01	5
.07	.005	.07	.06	5
.15	.010	.16	.14	5
.40	.034	.45	.36	5
.82	.084	.92	.69	5
1.31	.116	1.46	1.14	5
1.85	.175	2.14	1.66	5
2.41	.239	2.81	2.17	5
3.00	.269	3.45	2.73	5
3.64	.283	4.12	3.37	5
4.34	.301	4.86	4.07	5
5.10	.314	5.65	4.84	5
6.82	.354	7.44	6.55	5
10.90	.443	11.68	10.62	5
15.81	.619	16.71	15.33	4
21.28	.718	22.31	20.64	4
27.28	.823	28.43	26.47	4
33.77	.940	35.05	32.80	4
40.65	1.086	42.08	39.49	4
47.92	1.300	49.58	46.51	4
63.50	1.726	65.53	61.61	4
89.91	3.054	92.31	86.47	3
141.77	.425	142.07	141.47	2
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

OXYGEN

PRESS	MEAN	S.D.	MAX	MIN	N
0	n/a	n/a	n/a	n/a	0
10	n/a	n/a	n/a	n/a	0
20	n/a	n/a	n/a	n/a	0
30	n/a	n/a	n/a	n/a	0
50	n/a	n/a	n/a	n/a	0
75	n/a	n/a	n/a	n/a	0
100	n/a	n/a	n/a	n/a	0
125	n/a	n/a	n/a	n/a	0
150	n/a	n/a	n/a	n/a	0
175	n/a	n/a	n/a	n/a	0
200	n/a	n/a	n/a	n/a	0
225	n/a	n/a	n/a	n/a	0
250	n/a	n/a	n/a	n/a	0
300	n/a	n/a	n/a	n/a	0
400	n/a	n/a	n/a	n/a	0
500	n/a	n/a	n/a	n/a	0
600	n/a	n/a	n/a	n/a	0
700	n/a	n/a	n/a	n/a	0
800	n/a	n/a	n/a	n/a	0
900	n/a	n/a	n/a	n/a	0
1000	n/a	n/a	n/a	n/a	0
1200	n/a	n/a	n/a	n/a	0
1500	n/a	n/a	n/a	n/a	0
2000	n/a	n/a	n/a	n/a	0
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0
3500	n/a	n/a	n/a	n/a	0

SOUND

MEAN	S.D.	MAX	MIN	N
1493	6.3	1501	1486	5
1493	6.3	1501	1486	5
1493	6.2	1501	1486	5
1492	4.4	1497	1486	5
1487	9.4	1497	1472	5
1475	3.9	1480	1470	5
1472	3.2	1477	1469	5
1472	1.8	1475	1470	5
1474	1.3	1476	1473	5
1474	1.5	1476	1472	5
1473	1.2	1475	1472	5
1473	1.3	1475	1472	5
1472	1.1	1474	1471	5
1472	1.1	1474	1471	5
1473	.7	1474	1472	5
1474	.6	1474	1473	4
1474	.0	1474	1474	4
1475	.0	1475	1475	4
1476	.0	1476	1476	4
1477	.0	1477	1477	4
1478	.0	1478	1478	4
1480	.0	1480	1480	4
1484	.0	1484	1484	3
1491	.7	1491	1490	2
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

DELTA DH

PRESS	MEAN	S.D.	MAX	MIN	N
0	12.139	.5176	12.896	11.746	4
10	11.808	.5020	12.544	11.452	4
20	11.477	.4880	12.192	11.158	4
30	11.148	.4735	11.840	10.823	4
50	10.534	.4052	11.134	10.265	4
75	9.880	.3523	10.393	9.599	4
100	9.322	.3209	9.779	9.052	4
125	8.839	.2595	9.193	8.585	4
150	8.436	.2180	8.709	8.189	4
175	8.082	.2015	8.322	7.843	4
200	7.747	.1928	7.971	7.514	4
225	7.421	.1849	7.633	7.195	4
250	7.104	.1770	7.303	6.885	4
300	6.489	.1626	6.667	6.287	4
400	5.237	.1361	5.476	5.172	4
500	4.278	.1052	4.378	4.154	4
600	3.501	.0826	3.577	3.406	4
700	2.895	.0625	2.954	2.826	4
800	1.546	.0447	1.587	1.498	4
900	.751	.0243	.775	.725	4
1000	.000	.0000	.000	.000	4
1200	-1.390	.0428	-1.347	-1.430	4
1500	-3.301	.1247	-3.157	-3.375	3
2000	-6.194	.0318	-6.171	-6.216	2
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0
3500	n/a	n/a	n/a	n/a	0

STATION MP22 N O V E M B E R 1956 to 1990

TEMPERATURE

PRESS	MEAN	S.D.	MAX	MIN	N
0	9.24	.771	10.40	8.56	5
10	9.21	.730	10.28	8.54	5
20	9.21	.729	10.28	8.55	5
30	9.21	.728	10.28	8.55	5
50	9.13	.619	9.92	8.49	5
75	7.01	.674	7.96	6.32	5
100	5.57	.297	6.01	5.26	5
125	5.38	.317	5.72	5.04	5
150	5.45	.433	6.12	5.07	5
175	5.33	.396	5.99	5.01	5
200	5.07	.350	5.63	4.75	5
225	4.83	.360	5.32	4.45	5
250	4.61	.366	5.03	4.21	5
300	4.35	.266	4.61	4.04	5
400	4.12	.083	4.23	4.03	5
500	3.88	.076	3.98	3.81	5
600	3.66	.063	3.76	3.60	5
700	3.47	.049	3.53	3.40	5
800	3.28	.043	3.33	3.23	5
900	3.10	.030	3.13	3.06	5
1000	2.94	.024	2.97	2.91	5
1200	2.66	.024	2.69	2.63	5
1500	2.35	.006	2.35	2.34	3
2000	1.96	.010	1.97	1.95	3
2500	1.73	n/a	n/a	n/a	1
3000	1.57	n/a	n/a	n/a	1
3500	n/a	n/a	n/a	n/a	0

SALINITY

MEAN	S.D.	MAX	MIN	N
32.560	.0719	32.685	32.507	5
32.559	.0619	32.663	32.510	5
32.559	.0636	32.669	32.510	5
32.559	.0651	32.672	32.510	5
32.564	.0679	32.681	32.509	5
32.709	.1179	32.872	32.586	5
32.857	.1637	33.105	32.730	5
33.233	.2721	33.685	32.948	5
33.681	.0775	33.792	33.609	5
33.806	.0298	33.840	33.766	5
33.831	.0358	33.858	33.771	5
33.850	.0390	33.894	33.794	5
33.864	.0357	33.911	33.815	5
33.905	.0451	33.968	33.858	5
34.002	.0288	34.024	33.953	5
34.090	.0229	34.116	34.061	5
34.178	.0150	34.196	34.160	5
34.242	.0155	34.254	34.223	5
34.295	.0171	34.311	34.270	5
34.338	.0149	34.353	34.316	5
34.374	.0160	34.387	34.347	5
34.439	.0150	34.457	34.417	5
34.501	.0035	34.503	34.499	3
34.587	.0066	34.597	34.580	3
34.628	n/a	n/a	n/a	1
34.660	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0

SIGMA T

PRESS	MEAN	S.D.	MAX	MIN	N
0	25.192	.0913	25.295	25.102	5
10	25.197	.0945	25.310	25.105	5
20	25.197	.0919	25.299	25.109	5
30	25.197	.0898	25.296	25.110	5
50	25.214	.0840	25.307	25.109	5
75	25.637	.1694	25.857	25.457	5
100	25.937	.1038	26.079	25.827	5
125	26.254	.1883	26.572	26.069	5
150	26.600	.0563	26.691	26.552	5
175	26.713	.0341	26.749	26.661	5
200	26.763	.0318	26.801	26.719	5
225	26.806	.0285	26.832	26.761	5
250	26.841	.0265	26.871	26.799	5
300	26.901	.0223	26.924	26.868	5
400	27.003	.0257	27.030	26.960	5
500	27.097	.0241	27.125	27.065	5
600	27.190	.0168	27.207	27.165	5
700	27.259	.0153	27.275	27.242	5
800	27.320	.0160	27.337	27.296	5
900	27.371	.0139	27.385	27.351	5
1000	27.414	.0127	27.426	27.391	5
1200	27.490	.0136	27.507	27.472	5
1500	27.567	.0051	27.568	27.564	3
2000	27.666	.0043	27.673	27.660	3
2500	27.716	n/a	n/a	n/a	1
3000	27.753	n/a	n/a	n/a	1
3500	n/a	n/a	n/a	n/a	0

SVA

MEAN	S.D.	MAX	MIN	N
278.4	8.71	287.0	268.6	5
278.0	9.02	286.8	267.3	5
278.3	8.80	286.7	268.5	5
278.5	8.57	286.7	269.0	5
277.1	8.03	287.1	268.2	5
237.1	16.18	254.3	216.1	5
208.6	9.81	219.0	195.2	5
178.8	17.76	196.2	148.8	5
146.3	5.36	150.9	137.7	5
135.8	3.38	141.1	132.3	5
131.3	3.13	135.7	127.5	5
127.4	2.79	131.8	124.9	5
124.1	2.67	128.4	121.1	5
118.8	2.10	122.0	116.8	5
109.8	2.49	114.0	107.3	5
101.6	2.32	104.7	98.9	5
93.4	1.73	95.9	91.8	5
87.3	1.48	89.0	85.8	5
82.0	1.71	84.4	80.3	5
77.6	1.35	79.5	76.2	5
73.9	1.31	76.0	72.5	5
67.2	1.25	68.9	65.5	5
60.6	.26	60.9	60.4	3
52.0	.61	52.5	51.3	3
47.9	n/a	n/a	n/a	1
45.0	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0

THETA

PRESS	MEAN	S.D.	MAX	MIN	N
0	9.24	.771	10.40	8.56	5
10	9.21	.730	10.28	8.54	5
20	9.21	.729	10.28	8.55	5
30	9.21	.725	10.27	8.55	5
50	9.12	.619	9.91	8.48	5
75	7.00	.674	7.95	6.31	5
100	5.56	.297	6.00	5.25	5
125	5.38	.314	5.71	5.04	5
150	5.44	.429	6.10	5.06	5
175	5.32	.392	5.97	5.00	5
200	5.06	.355	5.62	4.73	5
225	4.81	.355	5.30	4.44	5
250	4.59	.366	5.01	4.19	5
300	4.33	.266	4.59	4.02	5
400	4.09	.083	4.20	4.00	5
500	3.85	.074	3.94	3.77	5
600	3.62	.063	3.72	3.56	5
700	3.45	.049	3.48	3.35	5
800	3.25	.043	3.26	3.17	5
900	3.04	.030	3.07	3.00	5
1000	2.87	.024	2.90	2.84	5
1200	2.58	.024	2.61	2.55	5
1500	2.25	.006	2.25	2.24	3
2000	1.82	.012	1.83	1.81	3
2500	1.55	n/a	n/a	n/a	1
3000	1.35	n/a	n/a	n/a	1
3500	n/a	n/a	n/a	n/a	0

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
278.4	8.71	287.0	268.6	5
277.9	8.96	286.6	267.2	5
277.9	8.75	286.3	268.2	5
277.9	8.50	286.1	268.5	5
276.2	8.00	286.2	267.4	5
236.0	16.08	253.1	215.1	5
207.5	9.86	217.9	194.0	5
177.3	17.86	194.9	147.2	5
144.4	5.34	149.1	135.8	5
133.7	3.24	138.7	130.3	5
128.9	2.99	133.1	125.4	5
124.9	2.68	129.1	122.5	5
121.5	2.50	125.5	118.7	5
115.8	2.12	119.0	113.6	5
106.0	2.49	110.2	103.5	5
97.1	2.29	100.1	94.4	5
88.3	1.62	90.6	86.7	5
81.6	1.43	83.3	80.2	5
75.8	1.62	78.1	74.5	5
71.0	1.30	72.9	69.7	5
66.9	1.49	69.0	65.7	5
59.6	1.20	61.3	58.0	3
52.2	.17	52.4	52.1	3
42.6	.62	43.1	41.9	3
37.5	n/a	n/a	n/a	1
33.8	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0

STATION MP22 D E C E M B E R 1956 to 1990

TEMPERATURE

PRESS	MEAN	S.D.	MAX	MIN	N
0	7.65	.800	8.81	6.00	11
10	7.79	.654	8.80	7.07	11
20	7.79	.656	8.80	7.07	11
30	7.78	.653	8.79	7.07	11
50	7.77	.633	8.77	7.07	11
75	7.66	.644	8.76	7.01	11
100	5.54	.578	6.52	4.53	11
125	5.17	.471	5.98	4.48	11
150	5.30	.556	6.10	4.50	11
175	5.21	.576	6.20	4.52	11
200	4.95	.523	5.80	4.33	11
225	4.71	.474	5.39	4.19	11
250	4.50	.426	5.14	3.98	11
300	4.32	.285	4.66	3.75	11
400	3.93	.150	4.12	3.70	11
500	3.80	.117	3.96	3.63	10
600	3.62	.097	3.74	3.46	10
700	3.45	.077	3.55	3.32	10
800	3.27	.067	3.38	3.15	10
900	3.10	.058	3.20	3.01	10
1000	2.93	.050	3.04	2.88	10
1200	2.66	.040	2.74	2.61	10
1500	2.34	.029	2.37	2.30	5
2000	1.97	.021	1.98	1.95	2
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0
3500	n/a	n/a	n/a	n/a	0

SALINITY

MEAN	S.D.	MAX	MIN	N
32.580	.0912	32.729	32.460	11
32.578	.0856	32.708	32.460	11
32.580	.0856	32.714	32.460	11
32.582	.0856	32.717	32.460	11
32.586	.0851	32.714	32.460	11
32.596	.0888	32.713	32.460	11
32.879	.1097	33.041	32.652	11
33.252	.2010	33.584	32.850	11
33.635	.1624	33.810	33.228	11
33.773	.0894	33.855	33.556	11
33.815	.0664	33.900	33.684	11
33.831	.0593	33.909	33.714	11
33.848	.0492	33.910	33.742	11
33.892	.0321	33.917	33.825	11
33.995	.0260	34.047	33.957	11
34.089	.0178	34.121	34.069	10
34.170	.0171	34.202	34.147	10
34.236	.0188	34.273	34.212	10
34.289	.0171	34.314	34.264	10
34.335	.0155	34.350	34.308	10
34.376	.0141	34.395	34.356	10
34.438	.0156	34.456	34.409	10
34.508	.0199	34.537	34.484	5
34.588	.0227	34.605	34.571	2
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

SIGMA T

PRESS	MEAN	S.D.	MAX	MIN	N
0	25.446	.1250	25.629	25.269	11
10	25.427	.1193	25.602	25.264	11
20	25.427	.1167	25.601	25.268	11
30	25.430	.1146	25.603	25.275	11
50	25.436	.1114	25.611	25.285	11
75	25.458	.1178	25.631	25.287	11
100	25.956	.1004	26.130	25.830	11
125	26.294	.1617	26.572	25.998	11
150	26.581	.1257	26.754	26.297	11
175	26.701	.0627	26.797	26.582	11
200	26.763	.0425	26.838	26.689	11
225	26.803	.0366	26.870	26.744	11
250	26.840	.0337	26.891	26.790	11
300	26.905	.0257	26.945	26.865	11
400	27.017	.0299	27.074	26.977	11
500	27.105	.0222	27.137	27.073	10
600	27.186	.0211	27.217	27.157	10
700	27.256	.0188	27.289	27.231	10
800	27.315	.0178	27.338	27.290	10
900	27.368	.0158	27.385	27.344	10
1000	27.416	.0130	27.432	27.390	10
1200	27.489	.0144	27.507	27.467	10
1500	27.573	.0170	27.597	27.551	5
2000	27.667	.0199	27.681	27.652	2
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0
3500	n/a	n/a	n/a	n/a	0

SVA

MEAN	S.D.	MAX	MIN	N
254.3	11.89	271.1	236.9	11
256.2	11.36	271.7	239.3	11
256.3	11.12	271.5	239.7	11
256.2	10.93	271.1	239.7	11
256.6	10.55	271.6	239.2	11
254.2	11.26	270.6	237.4	11
206.8	2.39	219.0	190.2	11
175.0	15.33	202.9	148.6	11
148.1	11.98	174.9	131.5	11
137.0	6.03	148.1	127.7	11
131.2	4.14	138.6	123.9	11
127.5	3.61	133.6	121.0	11
124.2	3.32	129.2	119.1	11
118.3	3.54	122.5	114.4	11
108.4	3.83	113.3	102.9	11
100.8	3.19	104.0	95.5	10
93.7	2.11	96.6	90.7	10
87.6	1.83	90.1	84.5	10
82.5	1.75	84.9	80.3	10
77.8	1.57	80.3	76.1	10
73.7	1.35	76.3	72.1	10
67.2	1.37	69.6	65.5	10
60.0	1.60	62.1	57.7	5
51.9	1.98	53.3	50.5	2
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

THETA

PRESS	MEAN	S.D.	MAX	MIN	N
0	7.65	.800	8.81	6.00	11
10	7.79	.654	8.80	7.07	11
20	7.78	.655	8.79	7.07	11
30	7.78	.653	8.79	7.07	11
50	7.76	.632	8.76	7.07	11
75	7.65	.644	8.75	7.00	11
100	5.53	.579	6.51	4.52	11
125	5.16	.471	5.97	4.47	11
150	5.29	.554	6.08	4.49	11
175	5.19	.574	6.18	4.51	11
200	4.94	.521	5.78	4.32	11
225	4.70	.492	5.37	4.17	11
250	4.48	.424	5.12	3.96	11
300	4.19	.286	4.64	3.73	11
400	3.90	.150	4.09	3.67	11
500	3.76	.119	3.92	3.59	10
600	3.58	.094	3.69	3.44	10
700	3.40	.077	3.50	3.27	10
800	3.21	.067	3.32	3.10	10
900	3.03	.058	3.14	2.95	10
1000	2.86	.049	2.97	2.81	10
1200	2.57	.038	2.65	2.53	10
1500	2.34	.029	2.37	2.30	5
2000	1.82	.021	1.84	1.81	2
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0
3500	n/a	n/a	n/a	n/a	0

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
254.3	11.89	271.1	236.9	11
256.1	11.34	271.5	239.3	11
256.0	11.10	271.1	239.4	11
255.7	10.88	270.5	239.3	11
255.2	10.59	270.7	238.5	11
253.0	11.19	269.2	236.6	11
205.7	9.56	217.4	189.1	11
173.6	15.35	201.7	147.2	11
146.3	11.93	173.3	129.9	11
134.9	5.93	146.2	125.8	11
129.0	4.01	136.0	121.9	11
125.2	3.47	130.8	118.8	11
121.6	3.18	126.3	116.8	11
115.4	3.41	119.2	111.7	11
104.7	3.73	108.8	99.4	11
96.4	3.09	99.4	93.3	10
88.6	2.02	91.4	85.7	10
81.9	1.76	84.3	78.9	10
76.3	1.68	78.7	74.1	10
71.2	1.47	73.5	69.7	10
66.7	1.28	69.1	65.1	10
59.6	1.33	61.8	57.9	10
51.6	1.62	53.7	49.3	5
42.5	1.98	43.9	41.1	2
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

STATION MP22 D E C E M B E R 1956 to 1990

DELTA D

PRESS	MEAN	S.D.	MAX	MIN	N
0	.000	.0000	.000	.000	11
10	.256	.0121	.270	.240	11
20	.514	.0234	.540	.480	11
30	.768	.0316	.810	.720	11
50	1.283	.0546	1.360	1.200	11
75	1.928	.0773	2.040	1.800	11
100	2.498	.0960	2.630	2.350	11
125	2.975	.1085	3.150	2.810	11
150	3.378	.1296	3.580	3.150	11
175	3.731	.1460	3.950	3.470	11
200	4.066	.1558	4.290	3.790	11
225	4.387	.1646	4.620	4.090	11
250	4.704	.1719	4.940	4.390	11
300	5.310	.1841	5.560	4.980	11
400	6.443	.2059	6.730	6.090	11
500	7.470	.2312	7.810	7.110	10
600	8.439	.2492	8.810	8.050	10
700	9.346	.2688	9.750	8.930	10
800	10.196	.2858	10.620	9.750	10
900	10.996	.2974	11.440	10.530	10
1000	11.754	.3078	12.210	11.280	10
1200	13.157	.3254	13.630	12.680	10
1500	14.984	.3653	15.520	14.560	5
2000	18.005	.5869	18.420	17.590	2
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0
3500	n/a	n/a	n/a	n/a	0

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.00	.000	.00	.00	11
.01	.000	.01	.01	11
.05	.004	.06	.05	11
.12	.005	.12	.11	11
.33	.016	.35	.30	11
.74	.028	.78	.69	11
1.25	.047	1.32	1.17	11
1.93	.070	1.91	1.66	11
2.35	.112	2.52	2.14	11
2.94	.146	3.18	2.68	11
3.58	.167	3.86	3.28	11
4.28	.184	4.57	3.94	11
5.04	.203	5.35	4.67	11
6.74	.239	7.07	6.32	11
10.77	.318	11.19	10.26	11
15.53	.427	16.13	14.92	10
20.97	.546	21.75	20.21	10
26.97	.672	27.92	26.02	10
33.46	.791	34.59	32.31	10
40.40	.927	41.74	39.08	10
47.72	1.050	49.32	46.30	10
63.44	1.296	65.66	61.75	10
89.45	2.112	92.76	87.03	5
141.00	4.554	144.22	137.78	2
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

OXYGEN

PRESS	MEAN	S.D.	MAX	MIN	N
0	7.06	n/a	n/a	n/a	1
10	7.07	n/a	n/a	n/a	1
20	7.10	n/a	n/a	n/a	1
30	7.10	n/a	n/a	n/a	1
50	7.03	n/a	n/a	n/a	1
75	7.05	n/a	n/a	n/a	1
100	6.91	n/a	n/a	n/a	1
125	6.11	n/a	n/a	n/a	1
150	4.92	n/a	n/a	n/a	1
175	4.25	n/a	n/a	n/a	1
200	3.87	n/a	n/a	n/a	1
225	3.56	n/a	n/a	n/a	1
250	3.24	n/a	n/a	n/a	1
300	2.71	n/a	n/a	n/a	1
400	1.87	n/a	n/a	n/a	1
500	1.24	n/a	n/a	n/a	1
600	.94	n/a	n/a	n/a	1
700	.69	n/a	n/a	n/a	1
800	.60	n/a	n/a	n/a	1
900	.52	n/a	n/a	n/a	1
1000	.49	n/a	n/a	n/a	1
1200	.50	n/a	n/a	n/a	1
1500	.73	n/a	n/a	n/a	1
2000	1.36	n/a	n/a	n/a	1
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0
3500	n/a	n/a	n/a	n/a	0

SOUND

MEAN	S.D.	MAX	MIN	N
1478	3.1	1483	1472	11
1479	2.6	1483	1476	11
1479	2.5	1483	1476	11
1479	2.4	1483	1477	11
1480	2.4	1484	1477	11
1480	2.6	1484	1477	11
1472	2.4	1476	1468	11
1471	2.0	1475	1468	11
1473	2.3	1476	1470	11
1473	2.5	1477	1470	11
1473	2.3	1476	1470	11
1472	2.0	1475	1470	11
1471	2.0	1474	1469	11
1471	1.2	1473	1469	11
1472	.6	1473	1471	11
1473	.7	1474	1472	10
1474	.4	1474	1473	10
1475	.3	1475	1474	10
1476	.5	1476	1475	10
1477	.0	1477	1477	10
1478	.0	1478	1478	10
1480	.0	1480	1480	10
1484	.0	1484	1484	5
1491	.0	1491	1491	2
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

DELTA DH

PRESS	MEAN	S.D.	MAX	MIN	N
0	11.753	.3090	12.214	11.280	10
10	11.496	.3003	11.945	11.034	10
20	11.239	.2928	11.677	10.787	10
30	10.982	.2848	11.409	10.541	10
50	10.468	.2708	10.875	10.047	10
75	9.822	.2573	10.207	9.416	10
100	9.250	.2367	9.629	8.895	10
125	8.779	.2161	9.134	8.473	10
150	8.385	.1917	8.692	8.129	10
175	8.036	.1766	8.311	7.792	10
200	7.703	.1675	7.959	7.470	10
225	7.381	.1597	7.619	7.155	10
250	7.067	.1524	7.291	6.848	10
300	6.462	.1384	6.662	6.266	10
400	5.330	.1113	5.494	5.184	10
500	4.284	.0870	4.414	4.170	10
600	3.313	.0664	3.414	3.227	10
700	2.407	.0477	2.482	2.351	10
800	1.558	.0303	1.606	1.524	10
900	.757	.0139	.783	.742	10
1000	.000	.0000	.000	.000	10
1200	-1.402	.0269	-1.371	-1.457	10
1500	-3.307	.0804	-3.212	-3.429	5
2000	-6.171	.2128	-6.021	-6.322	2
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0
3500	n/a	n/a	n/a	n/a	0

Table 22. As in Table 6, for Station 11 (P22).

Table 22: STATION MP22 A L L D A T A (JANUARY-DECEMBER) 1956 to 1990

TEMPERATURE

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	14.26	.460	15.18	13.85	7
24.40	13.31	.321	14.01	12.73	26
24.60	12.35	.388	13.13	11.72	33
24.80	11.32	.379	12.06	10.60	41
25.00	10.37	.367	11.09	9.56	49
25.20	9.40	.410	10.28	8.45	58
25.40	8.14	.443	9.35	7.30	79
25.60	6.95	.447	8.19	6.32	112
25.80	5.93	.406	7.16	4.96	139
26.00	5.44	.436	6.28	4.37	145
26.20	5.35	.409	6.20	4.32	145
26.40	5.35	.420	6.24	4.43	145
26.60	5.32	.452	6.26	4.23	145
26.80	4.74	.314	5.69	3.95	146
27.00	4.02	.122	4.32	3.66	137
27.10	3.84	.079	4.00	3.62	134
27.20	3.61	.055	3.80	3.43	134
27.30	3.34	.052	3.51	3.18	134
27.40	3.00	.054	3.21	2.87	133
27.50	2.62	.052	2.80	2.47	134
27.60	2.23	.072	2.46	2.09	33
27.70	1.83	.059	1.93	1.74	9
27.75	1.60	.027	1.63	1.55	7
27.76	1.57	.018	1.59	1.55	4

SALINITY

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	32.480	.1212	32.724	32.364	7
24.40	32.497	.0804	32.717	32.331	26
24.60	32.528	.0861	32.717	32.367	33
24.80	32.550	.0855	32.716	32.408	41
25.00	32.570	.0821	32.755	32.427	49
25.20	32.591	.0832	32.808	32.427	58
25.40	32.624	.0868	32.853	32.456	79
25.60	32.658	.0783	32.872	32.529	112
25.80	32.744	.0647	32.940	32.596	139
26.00	32.924	.0664	33.059	32.769	145
26.20	33.164	.0612	33.301	33.015	145
26.40	33.416	.0626	33.554	33.283	145
26.60	33.663	.0669	33.808	33.509	145
26.80	33.831	.0438	33.970	33.724	146
27.00	33.987	.0153	34.025	33.943	137
27.10	34.089	.0102	34.110	34.060	134
27.20	34.186	.0072	34.210	34.163	134
27.30	34.278	.0062	34.299	34.259	134
27.40	34.364	.0063	34.389	34.350	133
27.50	34.448	.0056	34.467	34.431	134
27.60	34.535	.0074	34.585	34.520	33
27.70	34.618	.0047	34.627	34.609	9
27.75	34.658	.0011	34.661	34.654	7
27.76	34.667	.0000	34.669	34.665	4

DEPTH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	15	7.2	25	4	7
24.40	25	7.5	38	9	26
24.60	38	8.3	53	13	33
24.80	50	9.4	67	4	41
25.00	63	10.0	82	4	49
25.20	79	10.2	96	10	58
25.40	96	15.0	85	11	79
25.60	64	20.5	115	13	112
25.80	87	18.7	123	29	139
26.00	110	13.4	149	80	145
26.20	122	15.9	164	89	145
26.40	134	14.1	178	96	145
26.60	154	16.1	199	115	145
26.80	224	21.4	281	176	146
27.00	386	25.1	441	331	137
27.10	489	25.8	543	433	134
27.20	613	28.3	696	554	134
27.30	763	31.3	844	662	134
27.40	958	35.5	1043	828	133
27.50	1227	46.1	1379	1099	124
27.60	1612	89.1	1829	1386	33
27.70	2219	165.3	2426	1940	9
27.75	2992	217.1	3399	2850	7
27.76	3130	182.4	3387	3000	4

SVA

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	373.2	.16	373.4	373.0	7
24.40	354.3	.19	354.7	354.0	26
24.60	335.5	.16	335.7	335.0	33
24.80	316.7	.18	316.7	315.8	41
25.00	297.1	.16	297.5	296.7	49
25.20	278.0	.19	278.6	277.8	58
25.40	259.3	.24	260.0	258.8	79
25.60	240.4	.26	241.0	239.8	112
25.80	221.5	.21	222.0	220.9	139
26.00	202.7	.15	203.1	202.3	145
26.20	183.8	.16	184.3	183.5	145
26.40	165.0	.20	165.6	164.7	145
26.60	146.3	.24	147.0	145.9	145
26.80	129.9	.28	129.9	127.3	146
27.00	110.9	.26	110.8	109.3	137
27.10	101.2	.26	101.8	100.6	134
27.20	92.5	.24	93.2	92.0	134
27.30	83.8	.22	84.4	83.3	134
27.40	75.1	.19	75.6	74.5	133
27.50	66.3	.18	66.9	66.0	124
27.60	57.9	.25	58.5	57.3	33
27.70	49.2	.41	49.8	48.5	9
27.75	45.8	.49	46.5	45.3	7
27.76	45.0	.57	45.6	44.4	4

THETA

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	14.26	.460	15.18	13.85	7
24.40	13.31	.321	14.01	12.73	26
24.60	12.34	.388	13.13	11.72	33
24.80	11.32	.378	12.05	10.60	41
25.00	10.36	.367	11.08	9.56	49
25.20	9.40	.410	10.27	8.45	58
25.40	8.14	.443	9.35	7.29	79
25.60	6.94	.447	8.18	6.51	112
25.80	5.92	.405	7.15	4.96	139
26.00	5.43	.435	6.27	4.36	145
26.20	5.34	.408	6.19	4.31	145
26.40	5.34	.420	6.23	4.42	145
26.60	5.31	.452	6.25	4.22	145
26.80	4.73	.314	5.67	3.93	146
27.00	3.99	.122	4.29	3.63	137
27.10	3.81	.078	3.97	3.59	134
27.20	3.57	.054	3.75	3.39	134
27.30	3.28	.052	3.45	3.13	134
27.40	2.93	.055	3.15	2.80	133
27.50	2.54	.054	2.72	2.37	124
27.60	2.12	.078	2.36	1.96	33
27.70	1.68	.074	1.80	1.57	9
27.75	1.37	.044	1.41	1.29	7
27.76	1.33	.024	1.35	1.30	4

SVA (THETA)

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	371.9	.93	372.7	370.4	7
24.40	352.1	1.60	353.7	348.6	26
24.60	332.0	2.71	334.6	325.9	33
24.80	312.3	3.29	315.6	303.6	41
25.00	293.3	3.26	296.6	284.4	49
25.20	275.2	2.64	277.6	267.7	58
25.40	257.4	1.66	258.6	249.8	79
25.60	238.9	.84	239.6	233.5	112
25.80	220.2	.49	220.5	217.9	139
26.00	201.1	.49	201.5	199.0	145
26.20	182.1	.41	182.5	180.8	145
26.40	163.2	.27	163.5	162.1	145
26.60	144.4	.10	144.5	144.0	145
26.80	125.4	.04	125.5	125.3	146
27.00	106.3	.10	106.4	106.0	137
27.10	96.8	.06	96.9	96.6	134
27.20	87.3	.06	87.3	87.1	134
27.30	77.7	.04	77.8	77.6	134
27.40	68.2	.05	68.2	68.0	133
27.50	58.5	.08	58.6	58.3	134
27.60	48.7	.14	49.0	48.6	33
27.70	39.2	.14	39.4	39.0	9
27.75	34.0	.13	34.1	33.8	7
27.76	33.1	.15	33.2	32.9	4

STATION MP22 A L L D A T A (JANUARY-DECEMBER) 1956 to 1990

DELTA D

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	.581	.2835	.980	.160	7
24.40	.914	.3785	1.400	.320	26
24.60	1.002	.3070	1.860	.430	33
24.80	1.070	.3360	2.010	.140	41
25.00	1.131	.3589	2.150	.120	49
25.20	1.283	.3472	2.280	.280	58
25.40	1.402	.4575	2.440	.280	79
25.60	1.783	.5566	3.120	.310	112
25.80	2.251	.5197	3.650	.650	136
26.00	2.937	.5472	3.870	1.830	145
26.20	3.974	.3518	4.050	2.030	145
26.40	3.183	.3705	4.210	2.140	145
26.60	3.483	.3939	4.540	2.420	145
26.80	4.439	.4513	5.790	3.400	146
27.00	6.368	.4982	7.870	5.350	137
27.10	7.468	.4941	8.860	6.380	134
27.20	8.670	.5118	10.270	7.560	134
27.30	10.004	.5307	11.600	8.520	134
27.40	11.570	.5510	13.220	9.850	133
27.50	13.474	.5811	15.050	11.780	124
27.60	15.892	.9288	17.900	13.590	33
27.70	19.216	1.2412	20.710	16.790	9
27.75	23.136	1.2747	25.390	22.080	7
27.76	23.678	1.1352	25.370	22.940	4

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.05	.046	.13	.00	7
.13	.069	.25	.01	26
.15	.095	.50	.03	33
.18	.106	.58	.00	41
.21	.122	.67	.00	49
.27	.138	.75	.01	58
.36	.212	.99	.02	79
.63	.346	1.32	.05	112
1.00	.385	2.07	.10	136
1.48	.399	2.82	.78	145
1.76	.363	3.99	.92	145
2.04	.415	5.44	1.06	145
2.49	.503	4.02	1.35	145
4.35	.795	6.66	2.71	146
10.39	1.362	13.62	7.72	137
15.33	1.662	19.10	11.87	134
22.14	2.136	28.22	17.85	134
31.57	3.688	39.28	23.85	134
45.44	5.468	54.88	34.05	133
66.97	5.030	83.37	53.12	124
102.23	10.790	130.41	76.24	33
167.08	21.140	196.04	130.80	9
269.33	36.096	336.96	244.68	7
288.50	31.431	333.61	266.10	4

DELTA DH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	11.453	.3438	11.961	11.143	6
24.40	11.215	.1878	11.632	10.842	23
24.60	11.142	.1968	11.669	10.798	30
24.80	11.038	.2276	11.661	10.389	37
25.00	10.967	.2419	11.636	10.210	44
25.20	10.765	.2777	11.371	10.039	52
25.40	10.579	.3892	11.586	9.756	72
25.60	10.128	.5173	11.573	9.009	103
25.80	9.577	.4223	10.998	8.855	128
26.00	9.085	.2108	9.595	8.614	134
26.20	8.848	.1976	9.235	8.311	134
26.40	8.641	.2053	9.129	8.065	134
26.60	8.344	.2081	8.783	7.852	134
26.80	7.986	.1806	7.805	6.829	135
27.00	5.437	.1872	5.885	4.909	134
27.10	4.343	.1881	4.775	3.956	134
27.20	3.141	.2069	3.543	2.457	134
27.30	1.807	.2291	2.517	1.206	134
27.40	.239	.2543	1.183	-0.411	133
27.50	-1.677	.3401	-0.746	-2.822	124
27.60	-4.984	.6188	-2.557	-5.675	33
27.70	-7.359	.9412	-5.331	-8.607	9
27.75	-11.151	1.1613	-10.331	-13.290	7
27.76	-11.770	.9880	-11.049	-13.189	4

ACC. POT.

MEAN	S.D.	MAX	MIN	N
12.032	.3001	12.529	11.662	6
11.845	.2536	12.354	11.637	23
11.788	.2660	12.811	11.603	30
11.728	.2452	12.705	11.562	37
11.659	.2346	12.592	11.516	44
11.868	.2236	12.470	11.465	52
11.783	.2304	12.352	11.289	72
11.679	.2297	12.236	11.186	103
11.516	.2272	12.081	11.027	128
11.323	.2192	11.866	10.835	134
11.102	.2047	11.596	10.626	134
10.861	.1905	11.343	10.404	134
10.595	.1767	11.056	10.161	134
10.466	.1558	10.670	9.871	135
9.725	.1202	10.051	9.397	134
9.340	.1001	9.614	9.056	134
8.858	.0780	9.069	8.621	134
8.255	.0529	8.385	8.077	134
7.502	.0231	7.563	7.426	133
6.549	.0195	6.600	6.474	124
5.352	.0687	5.483	5.087	33
3.711	.1191	3.857	3.507	9
2.752	.0907	2.853	2.611	7
2.523	.1438	2.714	2.368	4

OXYGEN

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	6.32	n/a	n/a	n/a	1
24.40	6.40	.111	6.51	6.25	4
24.60	6.49	.175	6.69	6.22	6
24.80	6.68	.168	6.84	6.44	6
25.00	6.79	.193	7.05	6.56	7
25.20	6.86	.218	7.23	6.54	8
25.40	6.94	.227	7.38	6.63	10
25.60	6.91	.219	7.24	6.62	11
25.80	6.70	.347	7.09	6.06	13
26.00	6.37	.443	6.86	5.47	14
26.20	5.86	.539	6.68	4.82	14
26.40	5.24	.552	6.33	4.06	14
26.60	4.51	.545	5.51	3.38	14
26.80	3.72	.320	4.22	2.40	14
27.00	1.60	.239	2.05	1.12	14
27.10	1.07	.119	1.27	.81	14
27.20	.75	.108	1.02	.61	14
27.30	.56	.105	.88	.47	14
27.40	.47	.053	.56	.38	13
27.50	.53	.035	.57	.45	12
27.60	.92	.084	1.05	.80	10
27.70	1.71	.104	1.79	1.56	4
27.75	2.64	.216	2.83	2.35	4
27.76	2.72	.269	2.91	2.53	2

SOUND

MEAN	S.D.	MAX	MIN	N
1502	1.4	1505	1501	7
1499	1.2	1502	1497	26
1496	1.5	1499	1494	33
1492	1.4	1495	1490	41
1489	1.3	1492	1486	49
1485	1.5	1489	1482	58
1481	1.8	1486	1478	79
1477	1.8	1482	1474	112
1473	1.8	1478	1469	136
1472	1.9	1475	1467	145
1472	1.7	1476	1468	145
1473	1.8	1476	1469	145
1473	1.9	1477	1469	145
1472	1.4	1477	1468	146
1473	.8	1474	1470	137
1473	.7	1474	1471	134
1474	.6	1476	1473	134
1476	.6	1479	1475	134
1478	.6	1479	1476	133
1481	.7	1482	1479	124
1486	1.3	1489	1483	33
1494	2.5	1497	1490	9
1506	3.6	1513	1504	7
1509	2.8	1513	1507	4

Table 23. As in Table 7, for Station 11 (P22).

Table 23: STATION MP22 J A N U A R Y 1956 to 1990

TEMPERATURE

SIGMA -T	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	7.30	n/a	n/a	n/a	1
25.60	6.70	.353	7.27	6.23	10
25.80	6.10	.491	6.89	5.15	10
26.00	5.63	.567	6.09	4.59	10
26.20	5.36	.542	5.99	4.56	10
26.40	5.36	.458	5.91	4.87	10
26.60	5.35	.366	5.91	4.84	10
26.80	4.91	.251	5.20	4.47	10
27.00	4.05	.137	4.18	3.80	9
27.10	3.84	.088	3.95	3.67	9
27.20	3.62	.045	3.69	3.53	9
27.30	3.33	.040	3.43	3.29	9
27.40	3.01	.067	3.18	2.88	9
27.50	2.63	.045	2.72	2.58	8
27.60	2.22	n/a	n/a	n/a	1
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

SALINITY

SIGMA -T	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	32.456	n/a	n/a	n/a	1
25.60	32.613	.0573	32.706	32.535	10
25.80	32.778	.0777	32.863	32.619	10
26.00	32.961	.0898	33.046	32.791	10
26.20	33.173	.0835	33.278	33.024	10
26.40	33.417	.0885	33.509	33.315	10
26.60	33.667	.0948	33.756	33.591	10
26.80	33.853	.0734	33.897	33.792	10
27.00	33.990	.0155	34.006	33.958	9
27.10	34.069	.0107	34.085	34.046	9
27.20	34.107	.0066	34.196	34.176	9
27.30	34.278	.0032	34.288	34.274	9
27.40	34.365	.0081	34.381	34.358	9
27.50	34.449	.0050	34.458	34.443	8
27.60	34.532	n/a	n/a	n/a	1
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

DEPTH

SIGMA -T	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	52	n/a	n/a	n/a	1
25.60	90	10.5	103	75	10
25.80	99	11.2	111	80	10
26.00	107	10.2	117	85	10
26.20	118	12.8	135	90	10
26.40	130	15.8	146	96	10
26.60	150	15.1	167	118	10
26.80	216	17.8	241	179	10
27.00	379	26.0	435	340	9
27.10	483	30.1	542	443	9
27.20	600	35.1	674	556	9
27.30	752	39.8	810	714	9
27.40	948	31.7	1001	905	9
27.50	1213	19.7	1251	1180	8
27.60	1604	n/a	n/a	n/a	1
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

SVA

SIGMA -T	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	259.3	n/a	n/a	n/a	1
25.60	240.7	.19	241.0	240.4	10
25.80	221.6	.23	222.0	221.3	10
26.00	202.6	.19	202.9	202.3	10
26.20	183.8	.18	184.1	183.5	10
26.40	165.0	.18	165.3	164.8	10
26.60	146.3	.18	146.6	146.1	10
26.80	127.9	.23	128.3	127.6	10
27.00	110.0	.30	110.5	109.5	9
27.10	101.2	.30	101.5	100.7	9
27.20	92.4	.30	93.0	92.0	9
27.30	83.7	.20	84.1	83.2	9
27.40	75.0	.16	75.3	74.8	9
27.50	66.3	.11	66.4	66.1	8
27.60	57.7	n/a	n/a	n/a	1
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

THETA

SIGMA -T	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	7.59	n/a	n/a	n/a	1
25.60	6.89	.356	7.56	6.51	10
25.80	6.29	.480	6.88	5.35	10
26.00	5.83	.566	6.08	4.75	10
26.20	5.58	.542	6.08	4.78	10
26.40	5.55	.454	6.01	4.86	10
26.60	5.54	.366	6.00	4.83	10
26.80	4.89	.252	5.19	4.45	10
27.00	4.02	.135	4.15	3.77	9
27.10	3.81	.087	3.92	3.64	9
27.20	3.58	.044	3.65	3.49	9
27.30	3.38	.041	3.57	3.24	9
27.40	3.04	.061	3.08	2.88	9
27.50	2.55	.045	2.64	2.50	8
27.60	2.11	n/a	n/a	n/a	1
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

SVA (THETA)

SIGMA -T	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	258.4	n/a	n/a	n/a	1
25.60	239.1	.48	239.5	238.3	10
25.80	219.6	.55	220.5	219.0	10
26.00	200.2	.44	201.4	199.6	10
26.20	181.0	.53	182.5	180.5	10
26.40	161.9	.59	163.2	161.2	10
26.60	143.2	.67	144.2	142.2	10
26.80	125.4	.64	126.5	125.4	10
27.00	108.3	.11	108.4	108.1	9
27.10	96.8	.10	96.9	96.6	9
27.20	87.2	.07	87.3	87.1	9
27.30	77.7	.05	77.8	77.7	9
27.40	68.2	.05	68.3	68.1	9
27.50	58.7	.00	58.7	58.6	8
27.60	48.8	n/a	n/a	n/a	1
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

STATION MP22 J A N U A R Y 1956 to 1990

DELTA D

SIGMA-T	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	1.350	n/a	n/a	n/a	1
25.60	2.266	.2729	2.550	1.820	10
25.80	2.467	.2815	2.760	1.940	10
26.00	2.644	.2739	2.910	2.050	10
26.20	2.850	.3134	3.250	2.140	10
26.40	3.060	.3553	3.440	2.240	10
26.60	3.364	.3413	3.740	2.600	10
26.80	4.260	.3653	4.770	3.420	10
27.00	6.196	.4539	7.100	5.510	9
27.10	7.300	.4944	8.260	6.620	9
27.20	8.442	.5403	9.540	7.770	9
27.30	9.797	.4928	10.770	9.180	9
27.40	11.358	.4775	12.290	10.870	9
27.50	13.221	.3979	14.870	12.760	8
27.60	15.500	n/a	n/a	n/a	1
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

POT. ENERGY

SIGMA-T	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	.36	n/a	n/a	n/a	1
25.60	1.06	.243	1.36	.70	10
25.80	1.26	.272	1.55	.80	10
26.00	1.44	.270	1.72	.88	10
26.20	1.69	.338	2.16	.97	10
26.40	1.96	.418	2.44	1.07	10
26.60	2.40	.457	2.93	1.45	10
26.80	4.08	.650	4.85	2.71	10
27.00	9.99	1.415	11.80	8.39	9
27.10	14.89	1.929	16.80	13.71	9
27.20	21.99	2.030	25.03	18.42	9
27.30	30.65	3.219	35.25	27.79	9
27.40	44.29	2.242	50.43	40.15	9
27.50	65.15	2.624	71.04	61.90	8
27.60	100.08	n/a	n/a	n/a	1
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

DELTA DH

SIGMA-T	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	10.533	n/a	n/a	n/a	1
25.60	9.426	.2445	9.690	9.009	9
25.80	9.226	.2105	9.452	8.858	9
26.00	9.055	.1797	9.307	8.736	9
26.20	8.851	.1614	9.053	8.630	9
26.40	8.652	.2043	8.855	8.360	9
26.60	8.351	.1789	8.599	8.129	9
26.80	7.462	.1600	7.770	7.209	9
27.00	5.484	.1770	5.690	5.114	9
27.10	4.378	.2266	4.655	3.956	9
27.20	3.234	.2697	3.543	2.669	9
27.30	1.881	.2355	2.155	1.445	9
27.40	.320	.3367	.633	-0.079	9
27.50	-1.570	.1420	-1.346	-1.860	8
27.60	-4.006	n/a	n/a	n/a	1
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

ACC. POT

SIGMA-T	MEAN	S.D	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	11.884	n/a	n/a	n/a	1
25.60	11.601	.2593	12.127	11.186	9
25.80	11.420	.2458	11.934	11.037	9
26.00	11.224	.2315	11.705	10.879	9
26.20	11.013	.2166	11.470	10.713	9
26.40	10.782	.1963	11.200	10.540	9
26.60	10.522	.1802	10.814	10.334	9
26.80	10.207	.1632	10.557	10.018	9
27.00	9.688	.1300	9.955	9.503	9
27.10	9.307	.1070	9.532	9.151	9
27.20	8.831	.0783	8.990	8.720	9
27.30	8.246	.0453	8.320	8.193	9
27.40	7.497	.0204	7.524	7.461	9
27.50	6.553	.0131	6.568	6.533	8
27.60	5.358	n/a	n/a	n/a	1
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

OXYGEN

SIGMA-T	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	n/a	n/a	n/a	n/a	0
25.60	6.71	n/a	n/a	n/a	1
25.80	6.06	n/a	n/a	n/a	1
26.00	5.47	n/a	n/a	n/a	1
26.20	4.82	n/a	n/a	n/a	1
26.40	4.08	n/a	n/a	n/a	1
26.60	3.38	n/a	n/a	n/a	1
26.80	2.40	n/a	n/a	n/a	1
27.00	1.12	n/a	n/a	n/a	1
27.10	.81	n/a	n/a	n/a	1
27.20	.72	n/a	n/a	n/a	1
27.30	.60	n/a	n/a	n/a	1
27.40	.55	n/a	n/a	n/a	1
27.50	.56	n/a	n/a	n/a	1
27.60	.98	n/a	n/a	n/a	1
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

SOUND

SIGMA-T	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	1475	n/a	n/a	n/a	1
25.60	1476	1.8	1479	1474	10
25.80	1474	2.4	1477	1470	10
26.00	1473	2.4	1475	1468	10
26.20	1473	1.7	1474	1468	10
26.40	1473	1.5	1475	1470	10
26.60	1473	1.0	1475	1471	10
26.80	1473	1.0	1474	1471	10
27.00	1473	.8	1473	1470	9
27.10	1473	.8	1474	1471	9
27.20	1474	.6	1475	1473	9
27.30	1475	.5	1476	1473	9
27.40	1477	.5	1478	1477	9
27.50	1480	.5	1481	1480	8
27.60	1485	n/a	n/a	n/a	1
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

STATION MP22 F E B R U A R Y 1956 to 1998

SIGMA -T.	TEMPERATURE MEAN	S.D.	MAX	MIN	N	SALINITY MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
25.40	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
25.60	6.86	n/a	n/a	n/a	1	32.635	n/a	n/a	n/a	1
25.80	5.77	.312	6.23	5.53	4	32.716	.0494	32.788	32.678	4
26.00	5.42	.408	5.88	4.58	7	32.923	.0627	32.999	32.797	7
26.20	5.32	.365	5.75	4.65	7	33.159	.0543	33.224	33.060	7
26.40	5.25	.346	5.68	4.56	7	33.400	.0516	33.469	33.299	7
26.60	5.23	.455	5.77	4.33	7	33.650	.0660	33.732	33.522	7
26.80	4.73	.360	5.04	3.99	7	33.829	.0495	33.874	33.756	7
27.00	4.02	.165	4.15	3.70	7	33.986	.0222	34.002	33.944	7
27.10	3.83	.107	3.95	3.62	7	34.087	.0139	34.103	34.060	7
27.20	3.59	.062	3.65	3.49	7	34.183	.0084	34.190	34.171	7
27.30	3.35	.066	3.48	3.29	7	34.279	.0057	34.295	34.273	7
27.40	3.02	.089	3.21	2.95	7	34.367	.0101	34.389	34.359	7
27.50	2.64	.081	2.80	2.56	7	34.450	.0088	34.467	34.441	7
27.60	2.35	.163	2.46	2.23	2	34.545	.0172	34.555	34.535	2
27.70	1.85	n/a	n/a	n/a	1	34.620	n/a	n/a	n/a	1
27.75	1.63	n/a	n/a	n/a	1	34.661	n/a	n/a	n/a	1
27.76	1.59	n/a	n/a	n/a	1	34.669	n/a	n/a	n/a	1

SIGMA -T.	DEPTH MEAN	S.D.	MAX	MIN	N	SVA MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
25.40	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
25.60	81	n/a	n/a	n/a	1	240.6	n/a	n/a	n/a	1
25.80	96	19.4	110	69	4	221.6	.26	221.9	221.3	4
26.00	116	10.8	137	106	7	202.7	.11	202.9	202.6	7
26.20	125	10.5	143	114	7	183.8	.11	184.0	183.7	7
26.40	136	10.9	151	121	7	165.0	.15	165.2	164.8	7
26.60	157	10.4	168	138	7	146.3	.23	146.6	146.0	7
26.80	230	21.8	252	194	7	127.9	.33	128.2	127.3	7
27.00	388	32.8	424	341	7	110.0	.38	110.3	109.3	7
27.10	493	39.6	531	433	7	101.3	.37	101.6	100.6	7
27.20	619	38.4	657	554	7	92.5	.31	92.8	92.1	7
27.30	763	53.1	813	662	7	83.8	.32	84.1	83.3	7
27.40	956	67.4	1030	828	7	75.1	.36	75.4	74.7	7
27.50	1231	78.8	1338	1099	7	66.4	.33	66.7	66.1	7
27.60	1497	157.0	1608	1386	2	57.7	.35	57.9	57.4	2
27.70	2251	n/a	n/a	n/a	1	49.6	n/a	n/a	n/a	1
27.75	2681	n/a	n/a	n/a	1	45.6	n/a	n/a	n/a	1
27.76	3131	n/a	n/a	n/a	1	45.3	n/a	n/a	n/a	1

SIGMA -T.	THETA MEAN	S.D.	MAX	MIN	N	SVA (THETA) MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
25.40	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0
25.60	6.85	n/a	n/a	n/a	1	239.5	n/a	n/a	n/a	1
25.80	5.76	.311	6.22	5.52	4	220.4	.07	220.5	220.3	4
26.00	5.41	.409	5.87	4.57	7	201.0	.43	201.4	200.3	7
26.20	5.31	.365	5.74	4.64	7	182.1	.34	182.4	181.5	7
26.40	5.24	.346	5.67	4.55	7	163.3	.21	163.5	162.9	7
26.60	5.22	.455	5.76	4.32	7	144.4	.09	144.5	144.2	7
26.80	4.71	.361	5.02	3.97	7	125.4	.05	125.5	125.4	7
27.00	4.00	.166	4.12	3.67	7	106.3	.05	106.4	106.3	7
27.10	3.79	.103	3.91	3.59	7	96.8	.03	96.9	96.8	7
27.20	3.55	.061	3.61	3.45	7	87.3	.05	87.3	87.2	7
27.30	3.29	.069	3.43	3.24	7	77.7	.04	77.8	77.7	7
27.40	2.95	.092	3.15	2.88	7	68.1	.05	68.2	68.1	7
27.50	2.55	.085	2.72	2.47	7	58.5	.11	58.6	58.3	7
27.60	2.24	.170	2.36	2.12	2	48.9	.21	49.0	48.7	2
27.70	1.69	n/a	n/a	n/a	1	39.1	n/a	n/a	n/a	1
27.75	1.41	n/a	n/a	n/a	1	34.1	n/a	n/a	n/a	1
27.76	1.35	n/a	n/a	n/a	1	33.0	n/a	n/a	n/a	1

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DELTA D

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	n/a	n/a	n/a	n/a	0
25.60	1.950	n/a	n/a	n/a	1
25.80	2.202	.5039	2.650	1.540	4
26.00	2.611	.2459	3.010	2.370	7
26.20	2.787	.2597	3.160	2.510	7
26.40	2.976	.2712	3.440	2.630	7
26.60	3.303	.2524	3.700	2.910	7
26.80	4.291	.5717	4.660	3.660	7
27.00	6.174	.5224	6.670	5.410	7
27.10	7.296	.6025	7.980	6.380	7
27.20	8.527	.5807	9.040	7.560	7
27.30	9.806	.7019	10.470	8.520	7
27.40	11.357	.8152	12.150	9.850	7
27.50	13.314	.8761	14.360	11.780	7
27.60	14.580	1.4001	15.570	13.590	2
27.70	19.040	n/a	n/a	n/a	1
27.75	22.080	n/a	n/a	n/a	1
27.76	23.230	n/a	n/a	n/a	1

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
.81	n/a	n/a	n/a	1
1.12	.441	1.50	.54	4
1.57	.295	2.11	1.29	7
1.78	.314	2.28	1.45	7
2.03	.340	2.54	1.59	7
2.52	.343	2.96	1.96	7
4.51	.749	5.36	3.24	7
10.48	1.697	12.28	8.01	7
15.58	2.435	17.91	11.87	7
22.60	2.871	25.37	17.85	7
31.73	4.316	35.99	23.82	7
45.48	6.257	52.34	34.02	7
67.53	8.670	79.21	53.12	7
88.75	17.692	101.26	76.24	2
170.00	n/a	n/a	n/a	1
250.48	n/a	n/a	n/a	1
286.34	n/a	n/a	n/a	1

DELTA DH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	n/a	n/a	n/a	n/a	0
25.60	10.013	n/a	n/a	n/a	1
25.80	9.424	.5022	10.130	8.941	4
26.00	8.996	.2649	9.299	8.639	7
26.20	8.822	.2411	9.121	8.525	7
26.40	8.633	.2386	9.000	8.342	7
26.60	8.306	.1906	8.595	8.079	7
26.80	7.316	.0853	7.399	7.207	7
27.00	5.434	.2009	5.778	5.196	7
27.10	4.312	.2727	4.714	3.979	7
27.20	3.082	.2495	3.474	2.825	7
27.30	1.802	.3788	2.517	1.435	7
27.40	.251	.4969	1.183	-0.304	7
27.50	-1.706	.5837	-0.746	-2.513	7
27.60	-3.298	1.0479	-2.557	-4.039	2
27.70	-7.505	n/a	n/a	n/a	1
27.75	-10.543	n/a	n/a	n/a	1
27.76	-11.696	n/a	n/a	n/a	1

ACC. POT

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
11.964	n/a	n/a	n/a	1
11.557	.3569	11.776	11.027	4
11.371	.2946	11.687	10.835	7
11.141	.2839	11.419	10.626	7
10.895	.2730	11.143	10.404	7
10.625	.2655	10.864	10.161	7
10.282	.2411	10.504	9.871	7
9.731	.1917	9.909	9.397	7
9.347	.1616	9.489	9.056	7
8.861	.1289	8.981	8.621	7
8.255	.0939	8.343	8.077	7
7.500	.0378	7.537	7.426	7
6.551	.0268	6.590	6.506	7
5.432	.0721	5.483	5.381	2
3.810	n/a	n/a	n/a	1
2.800	n/a	n/a	n/a	1
2.714	n/a	n/a	n/a	1

OXYGEN

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	n/a	n/a	n/a	n/a	0
25.60	n/a	n/a	n/a	n/a	0
25.80	n/a	n/a	n/a	n/a	0
26.00	6.34	n/a	n/a	n/a	1
26.20	5.87	n/a	n/a	n/a	1
26.40	5.14	n/a	n/a	n/a	1
26.60	4.20	n/a	n/a	n/a	1
26.80	3.30	n/a	n/a	n/a	1
27.00	1.84	n/a	n/a	n/a	1
27.10	1.15	n/a	n/a	n/a	1
27.20	1.02	n/a	n/a	n/a	1
27.30	.88	n/a	n/a	n/a	1
27.40	.56	n/a	n/a	n/a	1
27.50	.56	n/a	n/a	n/a	1
27.60	.80	n/a	n/a	n/a	1
27.70	1.56	n/a	n/a	n/a	1
27.75	2.35	n/a	n/a	n/a	1
27.76	2.53	n/a	n/a	n/a	1

SOUND

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
1477	n/a	n/a	n/a	1
1473	1.4	1475	1472	4
1472	1.9	1474	1468	7
1472	1.6	1474	1469	7
1472	1.6	1474	1469	7
1473	1.9	1475	1469	7
1472	1.9	1474	1468	7
1472	1.0	1473	1470	7
1473	1.0	1474	1471	7
1474	1.0	1475	1473	7
1476	.5	1476	1475	7
1478	1.0	1479	1476	7
1481	1.1	1482	1479	7
1484	1.4	1485	1483	2
1495	n/a	n/a	n/a	1
1505	n/a	n/a	n/a	1
1509	n/a	n/a	n/a	1

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TEMPERATURE

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	n/a	n/a	n/a	n/a	0
25.60	6.72	.346	6.97	6.48	2
25.80	5.89	.231	6.22	5.52	8
26.00	5.54	.138	5.66	5.24	8
26.20	5.24	.377	5.78	4.78	8
26.40	5.24	.336	5.73	4.70	8
26.60	5.33	.433	5.77	4.41	8
26.80	4.77	.366	5.18	3.95	9
27.00	4.02	.144	4.18	3.69	8
27.10	3.85	.072	3.93	3.70	8
27.20	3.63	.032	3.67	3.58	8
27.30	3.33	.047	3.41	3.27	8
27.40	3.00	.057	3.11	2.94	8
27.50	2.62	.045	2.67	2.54	8
27.60	2.25	n/a	n/a	n/a	1
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

SALINITY

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	n/a	n/a	n/a	n/a	0
25.60	32.613	.0579	32.654	32.572	2
25.80	32.736	.0348	32.785	32.682	8
26.00	32.934	.0204	32.954	32.889	8
26.20	33.146	.0539	33.223	33.078	8
26.40	33.399	.0504	33.469	33.319	8
26.60	33.664	.0624	33.729	33.533	8
26.80	33.835	.0506	33.894	33.724	9
27.00	33.986	.0175	34.007	33.946	8
27.10	34.090	.0086	34.100	34.073	8
27.20	34.189	.0047	34.193	34.183	8
27.30	34.278	.0059	34.286	34.270	8
27.40	34.365	.0068	34.377	34.357	8
27.50	34.447	.0058	34.453	34.439	8
27.60	34.537	n/a	n/a	n/a	1
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

DEPTH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	n/a	n/a	n/a	n/a	0
25.60	71	0	71	71	2
25.80	87	28.6	119	30	8
26.00	106	16.6	130	83	8
26.20	116	18.0	137	93	8
26.40	128	20.4	150	99	8
26.60	147	22.2	179	116	8
26.80	223	22.6	249	186	9
27.00	390	29.0	431	353	8
27.10	489	28.8	527	446	8
27.20	612	28.4	651	570	8
27.30	755	27.1	789	715	8
27.40	963	27.2	997	915	8
27.50	1231	28.8	1286	1200	8
27.60	1614	n/a	n/a	n/a	1
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

SVA

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	n/a	n/a	n/a	n/a	0
25.60	240.4	.06	240.5	240.4	2
25.80	221.5	.32	221.9	220.9	8
26.00	202.7	.13	202.9	202.5	8
26.20	183.7	.12	183.9	183.6	8
26.40	164.9	.18	165.2	164.7	8
26.60	146.2	.21	146.6	146.0	8
26.80	127.9	.30	128.3	127.5	9
27.00	110.0	.33	110.5	109.5	8
27.10	101.3	.29	101.7	100.9	8
27.20	92.6	.22	92.9	92.3	8
27.30	83.7	.18	83.9	83.5	8
27.40	75.1	.22	75.5	74.7	8
27.50	66.3	.11	66.4	66.1	8
27.60	58.0	n/a	n/a	n/a	1
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

THETA

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	n/a	n/a	n/a	n/a	0
25.60	6.72	.346	6.97	6.48	2
25.80	5.88	.231	6.21	5.51	8
26.00	5.53	.139	5.66	5.33	8
26.20	5.23	.377	5.77	4.77	8
26.40	5.23	.336	5.72	4.69	8
26.60	5.32	.435	5.75	4.59	8
26.80	4.75	.367	5.16	3.93	9
27.00	3.99	.145	4.15	3.66	8
27.10	3.82	.069	3.89	3.67	8
27.20	3.59	.031	3.63	3.54	8
27.30	3.28	.045	3.35	3.22	8
27.40	2.94	.057	3.04	2.87	8
27.50	2.53	.046	2.59	2.46	8
27.60	2.14	n/a	n/a	n/a	1
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

SVA (THETA)

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	n/a	n/a	n/a	n/a	0
25.60	239.5	.00	239.5	239.5	2
25.80	220.2	.28	220.5	219.8	8
26.00	201.4	.13	201.5	201.1	8
26.20	182.2	.29	182.5	181.6	8
26.40	163.3	.39	163.5	162.6	8
26.60	144.4	.07	144.5	144.3	8
26.80	125.4	.05	125.5	125.4	9
27.00	106.3	.10	106.4	106.1	8
27.10	96.8	.07	96.8	96.6	8
27.20	87.3	.05	87.3	87.2	8
27.30	77.7	.04	77.8	77.7	8
27.40	68.2	.05	68.2	68.1	8
27.50	58.6	.00	58.6	58.6	8
27.60	48.7	n/a	n/a	n/a	1
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

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DELTA D

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	n/a	n/a	n/a	n/a	0
25.60	1.735	.0071	1.740	1.730	2
25.80	2.050	.7083	2.860	1.660	8
26.00	2.452	.4308	3.100	1.830	8
26.20	2.662	.4563	3.230	2.030	8
26.40	2.861	.5014	3.390	2.140	8
26.60	3.149	.5218	3.750	2.420	8
26.80	4.222	.5076	4.820	3.400	9
27.00	6.179	.5544	6.750	5.490	8
27.10	7.234	.5533	7.860	6.380	8
27.20	8.432	.5231	8.990	7.580	8
27.30	9.701	.5170	10.400	8.870	8
27.40	11.369	.4706	11.870	10.660	8
27.50	13.279	.4130	13.780	12.670	8
27.60	15.930	n/a	n/a	n/a	1
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
.54	000	.54	.54	2
1.00	.523	1.73	.10	8
1.35	.437	2.04	.77	8
1.59	.497	2.22	.95	8
1.85	.576	2.45	1.06	8
2.26	.686	3.25	1.37	8
4.26	.864	5.30	2.90	9
10.48	1.616	12.63	8.44	8
15.24	1.906	17.69	12.45	8
22.01	2.191	25.01	18.71	8
30.91	3.471	34.02	27.22	8
45.61	3.770	48.13	40.86	8
67.13	3.171	72.13	63.68	8
102.75	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

DELTA DH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	n/a	n/a	n/a	n/a	0
25.60	10.178	.1174	10.261	10.095	2
25.80	9.550	.4938	10.607	9.135	8
26.00	9.122	.2551	9.471	8.743	8
26.20	8.911	.2383	9.235	8.497	8
26.40	8.712	.2554	9.129	8.278	8
26.60	8.425	.2952	8.749	7.822	8
26.80	7.398	.1798	7.668	7.184	9
27.00	5.393	.2239	5.673	5.072	8
27.10	4.340	.2218	4.680	4.043	8
27.20	3.141	.2209	3.490	2.833	8
27.30	1.873	.2039	2.190	1.604	8
27.40	.205	.2018	.556	-0.050	8
27.50	-1.702	.2057	-1.477	-2.098	8
27.60	-4.105	n/a	n/a	n/a	1
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

ACC. POT.

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
11.907	.1167	11.989	11.824	2
11.492	.2433	11.794	11.122	8
11.278	.2519	11.555	10.921	8
11.068	.2304	11.299	10.741	8
10.836	.2059	11.060	10.551	8
10.582	.1836	10.804	10.333	8
10.275	.1611	10.482	10.057	9
9.771	.1193	9.877	9.581	8
9.334	.0949	9.450	9.218	8
8.853	.0666	8.928	8.764	8
8.249	.0429	8.286	8.174	8
7.507	.0258	7.554	7.459	8
6.546	.0129	6.562	6.527	8
5.356	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

OXYGEN

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	n/a	n/a	n/a	n/a	0
25.60	n/a	n/a	n/a	n/a	0
25.80	n/a	n/a	n/a	n/a	0
26.00	n/a	n/a	n/a	n/a	0
26.20	n/a	n/a	n/a	n/a	0
26.40	n/a	n/a	n/a	n/a	0
26.60	n/a	n/a	n/a	n/a	0
26.80	n/a	n/a	n/a	n/a	0
27.00	n/a	n/a	n/a	n/a	0
27.10	n/a	n/a	n/a	n/a	0
27.20	n/a	n/a	n/a	n/a	0
27.30	n/a	n/a	n/a	n/a	0
27.40	n/a	n/a	n/a	n/a	0
27.50	n/a	n/a	n/a	n/a	0
27.60	n/a	n/a	n/a	n/a	0
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

SOUND

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
1476	1.4	1477	1475	2
1473	1.2	1475	1472	8
1472	.5	1473	1471	8
1472	1.4	1473	1469	8
1473	1.3	1474	1470	8
1473	1.6	1475	1470	8
1472	1.5	1474	1469	9
1472	.9	1473	1470	8
1473	.8	1474	1472	8
1474	.5	1475	1474	8
1476	.5	1476	1475	8
1478	.5	1479	1477	8
1481	.5	1481	1480	8
1486	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

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TEMPERATURE

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	n/a	n/a	n/a	n/a	0
25.60	6.50	.290	6.80	6.22	3
25.80	5.63	.264	5.97	5.33	10
26.00	5.30	.265	5.74	4.85	13
26.20	5.05	.282	5.75	4.88	13
26.40	4.83	.436	5.96	4.72	13
26.60	5.15	.526	6.06	4.41	13
26.80	4.68	.442	5.69	4.03	13
27.00	3.98	.189	4.32	3.66	12
27.10	3.82	.091	3.92	3.67	11
27.20	3.62	.062	3.70	3.45	11
27.30	3.36	.049	3.44	3.25	11
27.40	3.03	.049	3.13	2.96	11
27.50	2.65	.036	2.70	2.59	11
27.60	2.27	.071	2.32	2.22	2
27.70	1.93	n/a	n/a	n/a	1
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

SALINITY

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
32.577	.0475	32.625	32.529	3
32.696	.0421	32.746	32.634	10
32.903	.0397	32.969	32.835	13
33.151	.0404	33.220	33.092	13
33.398	.0642	33.507	33.323	13
33.638	.0779	33.775	33.531	13
33.823	.0625	33.970	33.734	13
33.982	.0233	34.025	33.943	12
34.087	.0119	34.100	34.067	11
34.187	.0089	34.198	34.166	11
34.281	.0057	34.290	34.267	11
34.368	.0043	34.380	34.360	11
34.451	.0000	34.456	34.446	11
34.538	.0099	34.542	34.535	2
34.627	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

DEPTH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	n/a	n/a	n/a	n/a	0
25.60	75	54.6	115	13	3
25.80	81	30.0	123	29	10
26.00	114	13.7	141	102	13
26.20	125	12.3	147	112	13
26.40	138	12.2	157	124	13
26.60	159	15.7	188	140	13
26.80	227	28.2	276	183	13
27.00	378	26.8	434	338	12
27.10	483	26.1	527	449	11
27.20	605	25.8	647	570	11
27.30	757	30.4	804	723	11
27.40	943	25.6	979	900	11
27.50	1211	34.1	1271	1157	11
27.60	1588	103.2	1661	1515	2
27.70	1940	n/a	n/a	n/a	1
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

SVA

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
240.5	.63	241.0	239.8	3
221.4	.30	221.9	220.9	10
202.7	.18	203.0	202.5	13
183.8	.20	184.2	183.6	13
165.0	.25	165.5	164.7	13
146.3	.32	146.9	145.9	13
127.9	.48	129.0	127.4	13
109.9	.36	110.6	109.4	12
101.2	.37	101.6	100.8	11
92.5	.56	92.9	92.0	11
83.8	.55	84.2	83.4	11
75.0	.18	75.3	74.7	11
66.3	.17	66.7	66.1	11
57.9	.42	58.2	57.6	2
48.6	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

THETA

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	n/a	n/a	n/a	n/a	0
25.60	6.50	.295	6.80	6.21	3
25.80	5.63	.265	5.96	5.32	10
26.00	5.29	.265	5.73	4.84	13
26.20	5.04	.279	5.73	4.87	13
26.40	5.22	.435	5.95	4.71	13
26.60	5.14	.525	6.04	4.40	13
26.80	4.66	.440	5.67	4.01	13
27.00	3.95	.188	4.29	3.63	12
27.10	3.79	.093	3.88	3.63	11
27.20	3.58	.061	3.65	3.41	11
27.30	3.31	.048	3.38	3.20	11
27.40	2.97	.050	3.07	2.90	11
27.50	2.56	.039	2.62	2.50	11
27.60	2.16	.085	2.22	2.10	2
27.70	1.80	n/a	n/a	n/a	1
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
239.4	.12	239.5	239.3	3
220.3	.46	220.5	219.8	10
201.0	.56	201.5	199.6	13
182.0	.39	182.4	181.3	13
163.5	.23	163.5	162.7	13
144.5	.15	144.5	144.0	13
125.4	.05	125.5	125.3	13
106.3	.13	106.4	106.1	12
96.8	.09	96.9	96.6	11
87.2	.07	87.3	87.1	11
77.7	.03	77.8	77.7	11
68.2	.05	68.2	68.1	11
58.6	.07	58.6	58.4	11
48.8	.21	48.9	48.6	2
39.4	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

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DELTA D

SIGMA -T	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	n/a	n/a	n/a	n/a	0
25.60	1.907	1.3916	2.920	.320	3
25.80	1.921	.7712	3.090	.650	10
26.00	2.598	.3439	3.190	2.190	13
26.20	2.809	.3171	3.410	2.430	13
26.40	3.031	.3160	3.690	2.640	13
26.60	3.358	.3562	3.940	2.840	13
26.80	4.288	.4788	4.940	3.420	13
27.00	6.077	.4525	6.830	5.350	12
27.10	7.199	.4605	7.870	6.440	11
27.20	8.386	.4530	9.010	7.620	11
27.30	9.740	.5008	10.440	8.980	11
27.40	11.234	.4785	12.010	10.400	11
27.50	13.145	.5238	13.920	12.500	11
27.60	15.425	1.3081	16.350	14.500	2
27.70	16.790	n/a	n/a	n/a	1
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
1.00	.879	1.72	.02	3
.90	.577	1.94	.10	10
1.53	.387	2.23	1.16	13
1.78	.376	2.41	1.42	13
2.08	.398	2.78	1.68	13
2.58	.518	3.51	1.96	13
4.45	1.003	6.00	2.91	13
10.00	1.432	12.91	8.06	12
14.94	1.748	17.83	12.57	11
21.57	2.031	24.94	18.72	11
31.03	2.707	34.85	27.73	11
44.95	2.815	47.67	39.55	11
65.24	4.014	72.36	59.85	11
99.68	13.612	109.30	90.05	2
130.80	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

DELTA DH

SIGMA -T	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	n/a	n/a	n/a	n/a	0
25.60	9.967	1.3909	11.573	9.152	3
25.80	9.739	.7697	10.998	8.993	8
26.00	9.021	.2285	9.498	8.808	11
26.20	8.801	.2040	9.223	8.590	11
26.40	8.571	.2103	8.985	8.345	11
26.60	8.350	.1778	8.628	8.032	11
26.80	7.317	.2040	7.639	6.966	11
27.00	5.461	.1695	5.714	5.060	11
27.10	4.388	.1909	4.617	4.046	11
27.20	3.200	.1856	3.439	2.884	11
27.30	1.848	.2234	2.083	1.481	11
27.40	.355	.1888	.665	.084	11
27.50	-1.556	.2498	-1.168	-2.004	11
27.60	-3.945	.7198	-3.436	-4.454	2
27.70	-5.731	n/a	n/a	n/a	1
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

ACC. POT.

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
11.802	.236	11.976	11.535	3
11.569	.225	11.911	11.312	8
11.315	.235	11.693	10.958	11
11.091	.222	11.420	10.752	11
10.845	.211	11.148	10.524	11
10.571	.200	10.888	10.272	11
10.235	.174	10.548	9.986	11
9.694	.121	9.895	9.532	11
9.314	.097	9.465	9.184	11
8.839	.076	8.947	8.740	11
8.246	.051	8.313	8.181	11
7.499	.021	7.524	7.463	11
6.562	.010	6.575	6.544	11
5.352	.051	5.389	5.316	2
3.803	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

OXYGEN

SIGMA -T	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	n/a	n/a	n/a	n/a	0
25.60	n/a	n/a	n/a	n/a	0
25.80	n/a	n/a	n/a	n/a	0
26.00	n/a	n/a	n/a	n/a	0
26.20	n/a	n/a	n/a	n/a	0
26.40	n/a	n/a	n/a	n/a	0
26.60	n/a	n/a	n/a	n/a	0
26.80	n/a	n/a	n/a	n/a	0
27.00	n/a	n/a	n/a	n/a	0
27.10	n/a	n/a	n/a	n/a	0
27.20	n/a	n/a	n/a	n/a	0
27.30	n/a	n/a	n/a	n/a	0
27.40	n/a	n/a	n/a	n/a	0
27.50	n/a	n/a	n/a	n/a	0
27.60	n/a	n/a	n/a	n/a	0
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

SOUND

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
1475	1.0	1476	1474	3
1472	1.4	1474	1470	10
1471	1.3	1473	1469	13
1472	1.4	1474	1470	13
1473	2.0	1476	1470	13
1473	2.3	1476	1469	13
1473	2.2	1477	1469	13
1473	1.5	1474	1470	13
1473	.8	1474	1472	11
1474	.6	1475	1473	11
1476	.6	1477	1475	11
1478	.5	1478	1477	11
1480	.5	1481	1480	11
1485	1.4	1486	1484	2
1490	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

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TEMPERATURE

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	7.84	.294	8.17	7.60	3
25.60	6.78	.396	7.66	6.27	15
25.80	5.80	.304	6.58	5.35	25
26.00	5.36	.358	6.07	4.89	25
26.20	5.31	.342	5.92	4.66	25
26.40	5.34	.379	5.93	4.71	25
26.60	5.29	.444	6.00	4.56	25
26.80	4.73	.297	5.44	3.96	25
27.00	4.02	.097	4.22	3.83	25
27.10	3.84	.076	4.00	3.70	25
27.20	3.61	.067	3.80	3.43	25
27.30	3.33	.054	3.47	3.18	25
27.40	3.00	.051	3.15	2.87	25
27.50	2.62	.057	2.76	2.52	25
27.60	2.28	.065	2.36	2.18	7
27.70	1.81	n/a	n/a	n/a	1
27.75	1.59	n/a	n/a	n/a	1
27.76	1.55	n/a	n/a	n/a	1

SALINITY

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	32.555	.0552	32.617	32.511	3
25.60	32.626	.0674	32.777	32.545	15
25.80	32.722	.0476	32.843	32.639	25
26.00	32.913	.0537	33.015	32.811	25
26.20	33.158	.0516	33.247	33.060	25
26.40	33.415	.0558	33.509	33.322	25
26.60	33.659	.0650	33.766	33.557	25
26.80	33.828	.0415	33.932	33.725	25
27.00	33.986	.0121	34.011	33.964	25
27.10	34.089	.0094	34.110	34.070	25
27.20	34.185	.0085	34.210	34.163	25
27.30	34.277	.0067	34.294	34.259	25
27.40	34.365	.0060	34.382	34.350	25
27.50	34.448	.0059	34.463	34.436	25
27.60	34.538	.0069	34.545	34.530	7
27.70	34.617	n/a	n/a	n/a	1
27.75	34.657	n/a	n/a	n/a	1
27.76	34.665	n/a	n/a	n/a	1

DEPTH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	22	9.5	43	11	3
25.60	45	19.9	75	13	15
25.80	83	23.2	119	36	25
26.00	112	11.1	129	82	25
26.20	124	10.6	140	98	25
26.40	135	11.5	153	112	25
26.60	153	14.0	180	128	25
26.80	220	22.1	270	182	25
27.00	380	35.5	430	343	25
27.10	483	36.0	531	439	25
27.20	606	35.6	668	567	25
27.30	758	32.4	821	697	25
27.40	954	40.1	1027	875	25
27.50	1226	53.5	1329	1112	22
27.60	1551	85.7	1664	1462	7
27.70	2266	n/a	n/a	n/a	1
27.75	2850	n/a	n/a	n/a	1
27.76	3000	n/a	n/a	n/a	1

SVA

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	258.9	1.2	259.0	258.8	3
25.60	259.2	.24	259.5	258.8	15
25.80	259.5	.25	259.9	259.2	25
26.00	259.7	.14	260.0	259.5	25
26.20	259.8	.13	260.1	259.6	25
26.40	259.9	.18	260.4	259.8	25
26.60	260.3	.22	260.9	260.0	25
26.80	260.8	.28	261.5	260.4	25
27.00	261.4	.36	262.2	260.9	25
27.10	261.9	.42	262.9	261.3	25
27.20	262.4	.46	263.4	261.8	25
27.30	262.8	.49	263.8	262.3	25
27.40	263.2	.51	264.2	262.7	25
27.50	263.5	.53	264.5	263.0	25
27.60	263.8	.55	264.8	263.3	7
27.70	264.1	n/a	n/a	n/a	1
27.75	264.2	n/a	n/a	n/a	1
27.76	264.2	n/a	n/a	n/a	1

THETA

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	7.84	.298	8.17	7.59	3
25.60	6.77	.397	7.65	6.26	15
25.80	5.79	.304	6.58	5.34	25
26.00	5.35	.358	6.06	4.88	25
26.20	5.30	.341	5.91	4.65	25
26.40	5.33	.380	5.92	4.69	25
26.60	5.28	.443	5.99	4.55	25
26.80	4.71	.297	5.43	3.94	25
27.00	3.99	.095	4.19	3.81	25
27.10	3.81	.075	3.97	3.66	25
27.20	3.56	.066	3.75	3.39	25
27.30	3.28	.053	3.41	3.13	25
27.40	2.94	.053	3.08	2.80	25
27.50	2.54	.060	2.68	2.43	25
27.60	2.17	.072	2.26	2.06	7
27.70	1.65	n/a	n/a	n/a	1
27.75	1.38	n/a	n/a	n/a	1
27.76	1.33	n/a	n/a	n/a	1

SVA (THETA)

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	258.4	.17	258.6	258.3	3
25.60	259.2	.38	259.6	258.3	15
25.80	259.5	.35	259.9	259.3	25
26.00	259.7	.44	260.1	259.3	25
26.20	259.8	.37	260.1	259.3	25
26.40	259.9	.33	260.1	259.3	25
26.60	260.3	.33	260.9	259.8	25
26.80	260.8	.09	261.0	260.4	25
27.00	261.4	.09	262.1	260.9	25
27.10	261.9	.06	262.4	261.3	25
27.20	262.4	.05	262.9	261.8	25
27.30	262.8	.04	263.3	262.3	25
27.40	263.2	.05	263.6	262.7	25
27.50	263.5	.06	263.8	263.0	25
27.60	263.8	.17	264.0	263.3	7
27.70	264.1	n/a	n/a	n/a	1
27.75	264.2	n/a	n/a	n/a	1
27.76	264.2	n/a	n/a	n/a	1

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DELTA D

SIGMA -T	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	.580	.2646	.780	.280	3
25.60	1.141	.5069	1.800	.310	15
25.80	1.986	.5663	2.830	.820	25
26.00	2.612	.2678	2.930	1.910	25
26.20	2.834	.2439	3.250	2.220	25
26.40	3.028	.2551	3.470	2.470	25
26.60	3.306	.2842	3.780	2.720	25
26.80	4.218	.3700	4.920	3.510	25
27.00	6.128	.3882	6.830	5.440	25
27.10	7.231	.3848	7.850	6.450	25
27.20	8.428	.4090	9.140	7.690	25
27.30	9.773	.4392	10.500	9.050	25
27.40	11.348	.4818	12.160	10.450	25
27.50	12.280	.5727	14.170	12.150	25
27.60	15.237	.7761	16.340	14.300	7
27.70	19.470	n/a	n/a	n/a	1
27.75	22.250	n/a	n/a	n/a	1
27.76	22.940	n/a	n/a	n/a	1

POT. ENERGY

SIGMA -T	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	.08	.051	.12	.02	3
25.60	.31	.230	.65	.02	15
25.80	.90	.436	1.71	.15	25
26.00	1.49	.285	1.94	.77	25
26.20	1.75	.385	2.24	1.06	25
26.40	2.01	.320	2.58	1.34	25
26.60	2.43	.405	3.17	1.64	25
26.80	4.19	.767	6.02	2.96	25
27.00	10.05	1.310	12.85	8.13	25
27.10	14.93	1.605	17.91	12.19	25
27.20	21.64	2.091	26.20	18.60	25
27.30	31.07	3.699	36.61	26.50	25
27.40	44.93	5.768	52.35	37.85	25
27.50	66.35	5.708	77.55	55.04	25
27.60	95.01	10.038	108.70	83.76	7
27.70	135.95	n/a	n/a	n/a	1
27.75	247.21	n/a	n/a	n/a	1
27.76	267.95	n/a	n/a	n/a	1

DELTA DH

SIGMA -T	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	11.069	.2571	11.363	10.885	3
25.60	10.569	.5041	11.359	9.838	15
25.80	9.630	.5283	10.803	8.855	25
26.00	9.004	.2328	9.434	8.614	25
26.20	8.782	.2150	9.150	8.444	25
26.40	8.589	.2091	8.994	8.195	25
26.60	8.310	.2085	8.614	7.967	25
26.80	7.397	.1819	7.655	7.007	25
27.00	5.488	.1794	5.808	5.097	25
27.10	4.386	.1844	4.731	4.093	25
27.20	3.187	.2043	3.477	2.736	25
27.30	1.843	.2323	2.277	1.374	25
27.40	.269	.2969	.844	-0.283	25
27.50	-1.668	.3937	-0.842	-2.425	25
27.60	-3.656	.5862	-3.013	-4.433	7
27.70	-7.675	n/a	n/a	n/a	1
27.75	-10.460	n/a	n/a	n/a	1
27.76	-11.146	n/a	n/a	n/a	1

ACC. POT

SIGMA -T	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	11.636	.0125	11.648	11.624	3
25.60	11.668	.1565	11.930	11.315	15
25.80	11.489	.2057	11.881	11.153	25
26.00	11.297	.2021	11.736	11.013	25
26.20	11.072	.1941	11.484	10.795	25
26.40	10.828	.1857	11.216	10.554	25
26.60	10.555	.1780	10.910	10.291	25
26.80	10.230	.1606	10.546	9.989	25
27.00	9.699	.1282	9.954	9.474	25
27.10	9.372	.1074	9.630	9.123	25
27.20	8.944	.0859	9.093	8.775	25
27.30	8.248	.0610	8.341	8.115	25
27.40	7.499	.0289	7.544	7.430	25
27.50	6.552	.0182	6.583	6.514	25
27.60	5.392	.0424	5.462	5.319	7
27.70	3.671	n/a	n/a	n/a	1
27.75	2.643	n/a	n/a	n/a	1
27.76	2.368	n/a	n/a	n/a	1

OXYGEN

SIGMA -T	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	n/a	n/a	n/a	n/a	0
25.60	n/a	n/a	n/a	n/a	0
25.80	6.93	n/a	n/a	n/a	1
26.00	6.28	n/a	n/a	n/a	1
26.20	5.66	n/a	n/a	n/a	1
26.40	5.07	n/a	n/a	n/a	1
26.60	4.50	n/a	n/a	n/a	1
26.80	3.18	n/a	n/a	n/a	1
27.00	1.54	n/a	n/a	n/a	1
27.10	1.16	n/a	n/a	n/a	1
27.20	.76	n/a	n/a	n/a	1
27.30	.52	n/a	n/a	n/a	1
27.40	.44	n/a	n/a	n/a	1
27.50	n/a	n/a	n/a	n/a	0
27.60	n/a	n/a	n/a	n/a	0
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

SOUND

SIGMA -T	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	1480	1	1481	1479	3
25.60	1476	1	1479	1474	15
25.80	1473	1	1476	1470	25
26.00	1471	1	1474	1469	25
26.20	1472	1	1475	1469	25
26.40	1473	1	1475	1470	25
26.60	1473	1	1476	1470	25
26.80	1473	1	1475	1469	25
27.00	1473	1	1473	1471	25
27.10	1473	1	1474	1470	25
27.20	1474	1	1475	1473	25
27.30	1476	1	1477	1475	25
27.40	1478	1	1478	1476	25
27.50	1481	1	1482	1479	25
27.60	1485	1.1	1486	1483	7
27.70	1495	n/a	n/a	n/a	1
27.75	1504	n/a	n/a	n/a	1
27.76	1507	n/a	n/a	n/a	1

STATION MP22 J U N E 1956 to 1990

TEMPERATURE

SIGMA -T	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	10.14	.354	10.39	9.89	2
25.20	9.08	.433	9.65	8.50	7
25.40	8.15	.539	9.27	7.32	16
25.60	6.96	.543	8.06	6.39	16
25.80	5.80	.506	6.89	4.96	16
26.00	5.20	.534	6.23	4.37	16
26.20	5.23	.468	6.08	4.32	16
26.40	5.28	.446	6.03	4.43	16
26.60	5.25	.480	5.82	4.23	16
26.80	4.68	.325	5.09	4.01	16
27.00	4.00	.087	4.19	3.84	14
27.10	3.81	.061	3.89	3.70	14
27.20	3.59	.031	3.63	3.52	14
27.30	3.31	.039	3.37	3.25	14
27.40	2.97	.035	3.02	2.89	14
27.50	2.61	.037	2.68	2.54	13
27.60	2.21	.064	2.25	2.16	2
27.70	1.91	n/a	n/a	n/a	1
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

SALINITY

SIGMA -T	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	32.515	.0931	32.580	32.449	2
25.20	32.548	.0778	32.650	32.427	7
25.40	32.620	.1028	32.830	32.459	16
25.60	32.658	.0919	32.848	32.542	16
25.80	32.722	.0778	32.860	32.596	16
26.00	32.888	.0785	33.038	32.769	16
26.20	33.146	.0681	33.230	33.015	16
26.40	33.405	.0649	33.485	33.283	16
26.60	33.653	.0690	33.738	33.509	16
26.80	33.822	.0445	33.880	33.732	16
27.00	33.983	.0113	34.007	33.962	14
27.10	34.084	.0085	34.095	34.071	14
27.20	34.182	.0049	34.188	34.174	14
27.30	34.274	.0054	34.282	34.267	14
27.40	34.361	.0031	34.367	34.352	14
27.50	34.446	.0034	34.454	34.436	13
27.60	34.532	.0100	34.537	34.527	2
27.70	34.625	n/a	n/a	n/a	1
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

DEPTH

SIGMA -T	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	17	18.4	30	4	2
25.20	29	10.4	38	10	7
25.40	34	11.9	64	18	16
25.60	51	13.6	75	25	16
25.80	81	12.6	102	64	16
26.00	112	18.9	149	80	16
26.20	126	25.0	164	89	16
26.40	138	23.4	178	99	16
26.60	156	25.3	199	115	16
26.80	230	24.1	269	190	16
27.00	333	31.2	426	343	14
27.10	484	23.0	535	450	14
27.20	605	19.1	654	582	14
27.30	755	21.8	794	723	14
27.40	956	32.0	1015	934	14
27.50	1253	54.0	1263	1193	13
27.60	1649	102.5	1721	1576	2
27.70	1965	n/a	n/a	n/a	1
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

SVA

SIGMA -T	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	297.0	.32	297.3	296.7	2
25.20	278.1	.16	278.3	277.8	7
25.40	259.1	.15	259.2	258.9	16
25.60	240.2	.15	240.5	239.9	16
25.80	221.4	.14	221.7	221.2	16
26.00	202.6	.15	202.9	202.4	16
26.20	183.8	.22	184.3	183.6	16
26.40	165.0	.38	165.6	164.8	16
26.60	146.3	.32	147.0	146.0	16
26.80	127.8	.31	128.5	127.4	16
27.00	109.9	.17	110.3	109.6	14
27.10	101.1	.18	101.5	100.9	14
27.20	92.4	.16	92.8	92.2	14
27.30	83.7	.16	84.0	83.4	14
27.40	75.0	.12	75.2	74.8	14
27.50	66.3	.14	66.6	66.1	13
27.60	57.9	.21	58.1	57.8	2
27.70	48.5	n/a	n/a	n/a	1
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

THETA

SIGMA -T	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	10.14	.354	10.39	9.89	2
25.20	9.07	.433	9.65	8.50	7
25.40	8.15	.541	9.27	7.31	16
25.60	6.96	.545	8.06	6.39	16
25.80	5.79	.504	6.88	4.96	16
26.00	5.19	.534	6.21	4.36	16
26.20	5.21	.468	5.87	4.31	16
26.40	5.27	.446	5.83	4.42	16
26.60	5.24	.478	5.81	4.22	16
26.80	4.66	.324	5.08	4.00	16
27.00	3.97	.088	4.16	3.81	14
27.10	3.77	.063	3.86	3.66	14
27.20	3.54	.029	3.59	3.48	14
27.30	3.25	.040	3.31	3.19	14
27.40	2.91	.037	2.96	2.82	14
27.50	2.53	.035	2.59	2.46	13
27.60	2.09	.071	2.14	2.04	2
27.70	1.78	n/a	n/a	n/a	1
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

SVA (THETA)

SIGMA -T	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	295.4	1.20	296.3	294.6	2
25.20	276.5	1.45	277.6	273.9	7
25.40	258.0	.63	258.5	256.5	16
25.60	239.1	.46	239.5	238.5	16
25.80	220.3	.37	220.5	219.7	16
26.00	201.3	.37	201.5	200.1	16
26.20	182.1	.51	182.5	180.9	16
26.40	163.3	.24	163.5	162.7	16
26.60	144.4	.09	144.5	144.1	16
26.80	125.4	.04	125.5	125.4	16
27.00	106.3	.10	106.4	106.1	14
27.10	96.8	.06	96.9	96.6	14
27.20	87.3	.04	87.3	87.2	14
27.30	77.7	.05	77.8	77.7	14
27.40	68.2	.04	68.2	68.1	14
27.50	58.6	.06	58.6	58.4	13
27.60	48.7	.01	48.7	48.7	2
27.70	39.4	n/a	n/a	n/a	1
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

STATION MP22 J U N E 1956 to 1990

DELTA D

SIGMA -T	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	.520	.5657	.920	.120	2
25.20	.844	.3200	1.160	.280	5
25.40	.945	.3409	1.720	.480	16
25.60	1.372	.3785	2.070	.690	16
25.80	2.066	.3339	2.620	1.610	16
26.00	2.734	.4053	3.490	1.940	16
26.20	3.006	.4584	3.780	2.130	16
26.40	3.209	.4874	4.040	2.290	16
26.60	3.489	.5097	4.340	2.540	16
26.80	4.382	.4882	5.260	3.690	16
27.00	6.515	.4591	7.140	5.600	14
27.10	7.350	.4645	8.310	6.730	14
27.20	8.534	.4277	9.460	8.000	14
27.30	9.866	.4231	10.690	9.250	14
27.40	11.478	.4514	12.450	10.860	14
27.50	13.376	.4339	14.230	12.820	13
27.60	15.975	.5020	16.330	15.620	2
27.70	17.720	n/a	n/a	n/a	1
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

POT. ENERGY

SIGMA -T	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	.07	.099	.14	.00	2
25.20	.14	.083	.23	.01	5
25.40	.18	.134	.55	.04	16
25.60	.37	.198	.75	.09	16
25.80	.84	.263	1.22	.51	16
26.00	1.32	.484	2.03	.76	16
26.20	1.86	.613	2.99	.98	16
26.40	2.14	.701	3.44	1.08	16
26.60	2.57	.803	4.02	1.35	16
26.80	4.29	1.003	6.27	3.16	16
27.00	9.91	1.323	12.95	8.09	14
27.10	14.93	1.611	18.72	12.72	14
27.20	21.52	1.671	25.78	19.53	14
27.30	30.84	2.017	34.88	28.00	14
27.40	44.98	2.468	51.13	41.56	14
27.50	66.23	3.826	71.85	63.33	13
27.60	105.65	10.939	113.38	97.91	2
27.70	136.14	n/a	n/a	n/a	1
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

DELTA DH

SIGMA -T	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	11.265	.5247	11.636	10.894	2
25.20	10.874	.2465	11.245	10.645	6
25.40	10.790	.3938	11.586	10.136	14
25.60	10.350	.4310	11.084	9.686	14
25.80	9.680	.3904	10.442	9.175	14
26.00	8.956	.1865	9.361	8.756	14
26.20	8.765	.2280	9.176	8.311	14
26.40	8.554	.2231	9.014	8.065	14
26.60	8.291	.2512	8.763	7.887	14
26.80	7.400	.2059	7.650	7.022	14
27.00	5.520	.1689	5.834	5.153	14
27.10	4.384	.1863	4.697	3.982	14
27.20	3.202	.1430	3.381	2.831	14
27.30	1.868	.1626	2.104	1.576	14
27.40	.258	.1651	.498	-0.187	14
27.50	-1.640	.1758	-1.437	-1.959	13
27.60	-4.321	.6421	-3.867	-4.775	2
27.70	-5.966	n/a	n/a	n/a	1
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

ACC POT

SIGMA -T	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	11.777	.0361	11.803	11.751	2
25.20	11.664	.0749	11.758	11.556	6
25.40	11.679	.3043	12.269	11.269	14
25.60	11.598	.2994	12.197	11.229	14
25.80	11.473	.2994	12.081	11.129	14
26.00	11.288	.3813	11.866	10.989	14
26.20	11.065	.3443	11.584	10.807	14
26.40	10.819	.3045	11.373	10.597	14
26.60	10.550	.3642	10.933	10.363	14
26.80	10.230	.3774	10.613	10.073	14
27.00	9.691	.0851	9.881	9.588	14
27.10	9.315	.0636	9.458	9.266	14
27.20	8.838	.0482	8.951	8.777	14
27.30	8.242	.0325	8.309	8.191	14
27.40	7.495	.0134	7.522	7.477	14
27.50	6.545	.0168	6.561	6.499	13
27.60	5.344	.0050	5.347	5.340	2
27.70	3.687	n/a	n/a	n/a	1
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

OXYGEN

SIGMA -T	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	n/a	n/a	n/a	n/a	0
25.60	n/a	n/a	n/a	n/a	0
25.80	n/a	n/a	n/a	n/a	0
26.00	n/a	n/a	n/a	n/a	0
26.20	n/a	n/a	n/a	n/a	0
26.40	n/a	n/a	n/a	n/a	0
26.60	n/a	n/a	n/a	n/a	0
26.80	n/a	n/a	n/a	n/a	0
27.00	n/a	n/a	n/a	n/a	0
27.10	n/a	n/a	n/a	n/a	0
27.20	n/a	n/a	n/a	n/a	0
27.30	n/a	n/a	n/a	n/a	0
27.40	n/a	n/a	n/a	n/a	0
27.50	n/a	n/a	n/a	n/a	0
27.60	n/a	n/a	n/a	n/a	0
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

SOUND

SIGMA -T	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	1488	1.4	1490	1487	2
25.20	1484	1.5	1486	1482	9
25.40	1481	2.1	1485	1478	16
25.60	1477	2.2	1481	1474	16
25.80	1473	2.5	1476	1469	16
26.00	1471	2.5	1475	1467	16
26.20	1472	1.9	1474	1468	16
26.40	1473	1.8	1475	1469	16
26.60	1473	2.0	1476	1469	16
26.80	1472	1.6	1474	1469	16
27.00	1473	.6	1473	1471	14
27.10	1473	.4	1473	1472	14
27.20	1474	.4	1475	1473	14
27.30	1475	.5	1476	1475	14
27.40	1477	.5	1478	1477	14
27.50	1480	.5	1481	1480	13
27.60	1486	1.4	1487	1485	2
27.70	1490	n/a	n/a	n/a	1
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

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TEMPERATURE

SIGMA -T	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	13.10	n/a	n/a	n/a	1
24.80	11.64	.594	12.06	11.22	2
25.00	10.35	.400	10.99	10.05	5
25.20	9.92	.459	10.66	9.65	5
25.40	9.12	.453	9.65	8.64	7
25.60	8.08	.513	7.78	6.51	7
25.80	6.82	.492	6.73	5.52	7
26.00	5.54	.470	6.23	4.91	7
26.20	5.53	.407	6.04	4.91	7
26.40	5.51	.415	6.07	4.86	7
26.60	5.35	.454	5.89	4.69	7
26.80	4.95	.357	5.05	4.09	7
27.00	4.09	.072	4.14	3.93	6
27.10	3.87	.056	3.94	3.80	6
27.20	3.63	.042	3.68	3.57	6
27.30	3.33	.047	3.39	3.28	6
27.40	2.98	.053	3.05	2.91	6
27.50	2.59	.046	2.64	2.51	6
27.60	2.22	n/a	n/a	n/a	1
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

SALINITY

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
32.680	n/a	n/a	n/a	1
33.602	.1213	32.688	32.517	2
33.555	.0930	33.703	33.482	5
33.580	.0865	33.719	33.514	5
33.628	.0854	33.759	33.550	5
33.666	.0906	33.809	33.581	7
33.714	.0779	33.873	33.648	7
33.938	.0745	33.048	33.845	7
33.192	.0633	33.279	33.101	7
33.440	.0624	33.531	33.349	7
33.669	.0675	33.749	33.571	7
33.828	.0464	33.874	33.742	7
33.992	.0097	34.001	33.975	6
34.093	.0069	34.100	34.084	6
34.189	.0000	34.194	34.182	6
34.277	.0067	34.285	34.265	6
34.362	.0075	34.370	34.355	6
34.446	.0046	34.452	34.439	6
34.534	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

DEPTH

SIGMA -T	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	20	n/a	n/a	n/a	1
24.80	14	14.1	24	4	2
25.00	24	4.6	29	17	5
25.20	33	4.5	41	30	5
25.40	41	11.0	52	19	7
25.60	59	9.0	70	45	7
25.80	87	9.2	114	83	7
26.00	119	9.1	129	106	7
26.20	130	9.2	143	118	7
26.40	140	11.4	159	127	7
26.60	160	16.7	182	138	7
26.80	234	11.8	250	213	7
27.00	399	19.4	419	370	6
27.10	508	14.9	522	488	6
27.20	639	21.5	669	607	6
27.30	791	16.4	815	757	6
27.40	981	30.6	1039	947	6
27.50	1268	36.9	1332	1223	6
27.60	1618	n/a	n/a	n/a	1
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

SVA

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
335.8	n/a	n/a	n/a	1
316.6	.28	316.8	315.8	2
297.1	.07	297.3	297.0	5
278.2	.09	278.3	278.1	5
259.3	.19	259.4	258.9	7
240.3	.11	240.5	240.2	7
221.6	.04	221.6	221.6	7
202.8	.11	203.0	202.7	7
184.0	.08	184.1	183.9	7
165.1	.11	165.3	165.0	7
146.4	.20	146.8	146.2	7
127.9	.11	128.0	127.7	7
110.1	.16	110.3	109.9	6
101.4	.12	101.6	101.3	6
92.8	.10	92.9	92.6	6
84.2	.13	84.3	84.0	6
75.5	.18	75.7	75.3	6
66.8	.16	66.9	66.5	6
57.9	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

THETA

SIGMA -T	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	13.10	n/a	n/a	n/a	1
24.80	11.64	.589	12.05	11.22	2
25.00	10.35	.402	10.99	10.04	5
25.20	9.92	.460	9.96	9.04	5
25.40	9.12	.454	9.65	7.64	7
25.60	8.07	.511	7.77	6.51	7
25.80	6.81	.492	6.72	5.51	7
26.00	5.53	.470	6.25	4.90	7
26.20	5.52	.407	6.03	4.90	7
26.40	5.50	.413	6.05	4.85	7
26.60	5.34	.455	5.88	4.68	7
26.80	4.70	.338	5.03	4.07	7
27.00	4.04	.072	4.11	3.90	6
27.10	3.83	.058	3.90	3.76	6
27.20	3.58	.044	3.64	3.52	6
27.30	3.27	.046	3.33	3.15	6
27.40	2.91	.058	2.99	2.83	6
27.50	2.50	.048	2.55	2.45	6
27.60	2.11	n/a	n/a	n/a	1
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
334.6	n/a	n/a	n/a	1
314.0	1.41	315.0	313.0	2
295.6	.48	296.0	295.4	5
276.7	.80	277.5	276.2	5
257.2	1.15	258.5	256.3	7
238.8	.48	239.3	238.0	7
220.3	.12	220.5	220.1	7
201.3	.30	201.4	200.7	7
182.0	.39	182.4	181.3	7
163.3	.30	163.5	162.8	7
144.3	.14	144.5	144.1	7
125.4	.03	125.5	125.4	7
106.3	.10	106.4	106.2	6
96.8	.05	96.8	96.7	6
87.2	.06	87.3	87.1	6
77.7	.04	77.7	77.6	6
68.2	.08	68.2	68.0	6
58.4	.10	58.6	58.3	6
48.7	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

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DELTA D

SIGMA -T	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	.680	n/a	n/a	n/a	1
24.80	.470	.4657	.800	.140	2
25.00	.754	.1532	.900	.540	5
25.20	1.030	.1358	1.250	.910	5
25.40	1.287	.1377	1.450	.490	5
25.60	1.654	.2809	1.950	1.160	7
25.80	2.521	.2469	3.020	2.280	7
26.00	3.013	.2163	3.330	2.720	7
26.20	3.217	.2096	3.450	2.940	7
26.40	3.399	.2413	3.740	3.100	7
26.60	3.701	.3901	4.020	3.340	7
26.80	4.703	.3399	5.010	4.360	7
27.00	5.655	.3541	6.000	5.250	6
27.10	7.815	.3571	8.130	7.510	6
27.20	9.093	.3033	9.510	8.670	6
27.30	10.458	.3620	11.010	10.000	6
27.40	11.978	.3864	12.660	11.530	6
27.50	14.023	.4040	14.750	13.500	6
27.60	15.960	n/a	n/a	n/a	1
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

POT ENERGY

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
87	n/a	n/a	n/a	1
85	071	10	00	2
89	032	13	05	5
17	040	26	14	5
26	114	46	05	5
49	149	69	26	7
1 19	234	1 65	8	7
1 75	340	2 44	1	7
1 99	466	3 03	1 64	7
2 32	536	3 77	1 64	7
2 92	503	4 34	2 66	7
4 25	479	5 41	3	7
11 08	1 021	12 89	9	6
16 48	1 082	17 40	1	6
24 82	1 548	26 13	1	6
34 00	2 566	36 75	1	6
47 90	3 566	51 88	44	6
71 51	4 224	76 88	66	6
102 52	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

DELTA DH

SIGMA -T	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	11.212	n/a	n/a	n/a	1
24.80	11.092	n/a	n/a	n/a	1
25.00	11.331	.2470	11.592	10.994	4
25.20	11.092	.3042	11.511	10.911	4
25.40	10.863	.3249	11.363	10.502	6
25.60	10.444	.3811	10.855	10.155	6
25.80	9.539	.3120	9.865	9.265	6
26.00	9.055	.1454	9.265	8.872	6
26.20	8.859	.1143	9.065	8.694	6
26.40	8.688	.1308	8.830	8.530	6
26.60	8.383	.2624	8.588	7.917	6
26.80	7.382	.0866	7.516	7.273	6
27.00	5.909	.1615	6.604	5.706	6
27.10	4.332	.1083	4.567	4.091	6
27.20	2.858	.1555	3.181	2.759	6
27.30	1.503	.1694	1.851	1.297	6
27.40	.069	.2343	.425	-0.276	6
27.50	-1.971	.2869	-1.644	-2.468	6
27.60	-4.108	n/a	n/a	n/a	1
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

ACC POT

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
11 890	n/a	n/a	n/a	1
11 848	n/a	n/a	n/a	1
12 088	204	12 364	11 79	4
12 011	245	12 315	11 74	4
11 926	168	12 148	11 686	6
11 833	161	12 063	11 593	6
11 603	160	11 946	11 46	6
11 483	149	11	11	6
11 248	136	11 49	11 06	6
10 894	130	11 06	10	6
10 716	109	10 86	10	6
10 377	098	10 498	10	6
9 821	078	9 939	9	6
9 430	065	9 528	9	6
8 939	051	9 014	8	6
8	037	8	8	6
8	015	8	8	6
8	053	8	8	6
6 554	6300	6 600	6 506	6
5 358	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

OXYGEN

SIGMA -T	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	6.56	n/a	n/a	n/a	1
25.20	6.74	n/a	n/a	n/a	1
25.40	7.01	.028	7.03	6.99	2
25.60	7.10	.002	7.10	7.10	2
25.80	6.68	.361	6.94	6.43	5
26.00	6.25	.163	6.36	6.13	5
26.20	5.66	.141	5.76	5.56	5
26.40	5.07	.177	5.20	4.85	5
26.60	4.30	.240	4.59	4.05	5
26.80	3.38	.177	3.50	3.22	5
27.00	1.59	.184	1.72	1.46	5
27.10	1.03	.028	1.05	1.01	5
27.20	.71	.042	.74	.68	5
27.30	.49	.014	.50	.48	5
27.40	.41	.042	.44	.38	5
27.50	.48	.049	.52	.45	5
27.60	.82	n/a	n/a	n/a	1
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

SOUND

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
1499	n/a	n/a	n/a	1
1494	2 1	1497	149	2
1489	2 3	1491	148	5
1485	2 0	1488	148	5
1481	1 6	1484	147	5
1477	2 1	1480	147	5
1473	2 1	1477	147	5
1473	2 0	1475	147	5
1473	1 0	1475	147	5
1473	1 7	1476	147	5
1473	1 7	1475	147	5
1473	1 2	1473	147	5
1473	5	1473	147	5
1474	4	1474	147	5
1475	4	1475	147	5
1476	4	1477	147	5
1478	4	1479	147	5
1481	5	1482	148	5
1486	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

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TEMPERATURE

SIGMA-T	MEAN	S.D.	MAX	MIN	N
24.20	14.23	.558	15.18	13.85	5
24.40	13.51	.380	14.01	12.73	11
24.60	12.30	.412	13.13	11.72	14
24.80	11.32	.381	12.06	10.80	19
25.00	10.33	.364	10.96	9.64	21
25.20	9.34	.434	10.01	8.45	21
25.40	8.35	.415	9.05	7.44	21
25.60	7.01	.351	7.68	6.53	21
25.80	5.99	.284	6.42	5.38	21
26.00	5.42	.463	6.09	4.65	21
26.20	5.42	.367	6.14	4.89	21
26.40	5.37	.348	6.22	4.81	21
26.60	5.32	.376	6.28	4.60	21
26.80	4.79	.345	5.14	4.14	21
27.00	3.97	.099	4.10	3.81	19
27.10	3.81	.081	3.90	3.64	19
27.20	3.57	.053	3.68	3.49	19
27.30	3.38	.048	3.50	3.16	19
27.40	3.05	.054	3.06	2.80	18
27.50	2.65	.061	2.66	2.37	11
27.60	2.00	.044	2.12	1.95	5
27.70	1.79	.078	1.88	1.69	5
27.75	1.58	.085	1.72	1.39	5
27.76	n/a	n/a	n/a	n/a	0

SALINITY

SIGMA-T	MEAN	S.D.	MAX	MIN	N
24.20	32.476	.1476	32.724	32.364	5
24.40	32.479	.0995	32.717	32.331	11
24.60	32.504	.0945	32.718	32.367	14
24.80	32.541	.0900	32.718	32.466	19
25.00	32.567	.0817	32.728	32.497	21
25.20	32.590	.0810	32.736	32.456	21
25.40	32.611	.0805	32.760	32.493	21
25.60	32.657	.0600	32.786	32.588	21
25.80	32.694	.0480	32.837	32.609	21
26.00	32.734	.0733	32.842	32.668	21
26.20	32.776	.0283	32.826	32.699	21
26.40	32.826	.0238	32.854	32.759	21
26.60	32.870	.0566	32.898	32.751	21
26.80	32.929	.0342	32.990	32.751	21
27.00	32.984	.0129	33.013	32.963	19
27.10	33.009	.0106	33.108	32.969	19
27.20	33.037	.0060	33.200	33.176	19
27.30	33.078	.0060	33.295	33.263	19
27.40	33.364	.0053	33.380	33.350	18
27.50	33.447	.0074	33.481	33.431	11
27.60	33.532	.0046	33.557	33.528	5
27.70	33.615	.0066	33.629	33.609	5
27.75	33.657	.0000	33.660	33.654	5
27.76	n/a	n/a	n/a	n/a	0

DEPTH

SIGMA-T	MEAN	S.D.	MAX	MIN	N
24.20	16	8.5	25	10	5
24.40	30	5.3	39	23	11
24.60	50	5.2	61	43	14
24.80	70	5.7	84	63	19
25.00	90	5.9	99	83	21
25.20	110	6.6	121	103	21
25.40	130	6.8	144	123	21
25.60	151	7.4	164	142	21
25.80	171	7.6	184	162	21
26.00	191	7.5	204	182	21
26.20	211	7.6	224	202	21
26.40	231	7.4	244	222	21
26.60	251	7.4	264	242	21
26.80	271	7.4	284	262	21
27.00	291	7.4	304	282	21
27.10	311	7.4	324	302	21
27.20	331	7.4	344	322	21
27.30	351	7.4	364	342	21
27.40	371	7.4	384	362	21
27.50	391	7.4	404	382	21
27.60	411	7.4	424	402	21
27.70	431	7.4	444	422	21
27.75	451	7.4	464	442	21
27.76	n/a	n/a	n/a	n/a	0

SVA

SIGMA-T	MEAN	S.D.	MAX	MIN	N
24.20	373.7	1.2	373.4	373.1	5
24.40	364.5	1.3	364.4	364.0	11
24.60	355.5	1.1	355.4	355.0	14
24.80	346.5	1.1	346.4	346.0	19
25.00	337.5	1.1	337.4	337.0	21
25.20	328.5	1.4	328.4	328.0	21
25.40	319.5	1.4	319.4	319.0	21
25.60	310.4	1.7	310.4	310.0	21
25.80	301.5	1.4	301.4	301.0	21
26.00	292.5	1.4	292.4	292.0	21
26.20	283.5	1.4	283.4	283.0	21
26.40	274.5	1.4	274.4	274.0	21
26.60	265.5	1.5	265.4	265.0	21
26.80	256.5	1.5	256.4	256.0	21
27.00	247.5	1.5	247.4	247.0	19
27.10	243.5	1.5	243.4	243.0	19
27.20	239.5	1.5	239.4	239.0	19
27.30	235.5	1.5	235.4	235.0	19
27.40	231.5	1.5	231.4	231.0	18
27.50	227.5	1.5	227.4	227.0	11
27.60	223.5	1.5	223.4	223.0	5
27.70	219.5	1.5	219.4	219.0	5
27.75	215.5	1.5	215.4	215.0	5
27.76	n/a	n/a	n/a	n/a	0

THETA

SIGMA-T	MEAN	S.D.	MAX	MIN	N
24.20	14.23	.558	15.18	13.85	5
24.40	13.51	.381	14.01	12.73	11
24.60	12.30	.412	13.13	11.72	14
24.80	11.32	.381	12.06	10.80	19
25.00	10.33	.364	10.96	9.64	21
25.20	9.34	.425	10.01	8.45	21
25.40	8.35	.414	9.05	7.44	21
25.60	7.01	.352	7.67	6.53	21
25.80	5.99	.284	6.42	5.38	21
26.00	5.42	.463	6.09	4.65	21
26.20	5.42	.367	6.14	4.89	21
26.40	5.37	.348	6.22	4.81	21
26.60	5.32	.376	6.28	4.60	21
26.80	4.79	.345	5.14	4.14	21
27.00	3.97	.099	4.10	3.81	19
27.10	3.81	.081	3.90	3.64	19
27.20	3.57	.053	3.68	3.49	19
27.30	3.38	.048	3.50	3.16	19
27.40	3.05	.054	3.06	2.80	18
27.50	2.65	.061	2.66	2.37	11
27.60	2.00	.044	2.12	1.95	5
27.70	1.79	.078	1.88	1.69	5
27.75	1.58	.085	1.72	1.39	5
27.76	n/a	n/a	n/a	n/a	0

SVA (THETA)

SIGMA-T	MEAN	S.D.	MAX	MIN	N
24.20	371.7	1.01	372.7	370.4	5
24.40	351.6	1.03	353.6	348.6	11
24.60	332.9	1.52	334.6	330.6	14
24.80	315.5	1.78	316.6	309.2	19
25.00	298.5	2.47	299.6	294.2	21
25.20	282.5	3.16	283.6	278.2	21
25.40	267.5	3.50	268.6	263.2	21
25.60	253.5	3.58	254.6	248.2	21
25.80	239.5	3.58	240.6	234.2	21
26.00	226.0	3.58	227.6	220.2	21
26.20	213.0	3.58	214.6	207.2	21
26.40	200.5	3.58	201.6	194.2	21
26.60	188.5	3.58	189.6	182.2	21
26.80	176.5	3.58	177.6	170.2	21
27.00	165.5	3.58	166.6	159.2	19
27.10	160.5	3.58	161.6	154.2	19
27.20	155.5	3.58	156.6	149.2	19
27.30	150.5	3.58	151.6	144.2	19
27.40	145.5	3.58	146.6	139.2	18
27.50	140.5	3.58	141.6	134.2	11
27.60	135.5	3.58	136.6	129.2	5
27.70	130.5	3.58	131.6	124.2	5
27.75	125.5	3.58	126.6	119.2	5
27.76	n/a	n/a	n/a	n/a	0

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DELTA D / POT. ENERGY

SIGMA -T	DELTA D MEAN	S.D.	MAX	MIN	N	POT. ENERGY MEAN	S.D.	MAX	MIN	N
24.20	.636	.2586	.980	.380	5	.06	.048	.13	.02	4
24.40	.735	.3371	1.030	.320	11	.08	.046	.14	.01	11
24.60	.839	.3187	1.130	.430	14	.10	.049	.18	.01	14
24.80	.914	.3153	1.240	.410	19	[illegible]	.051	.21	.02	19
25.00	1.020	.3312	1.390	.630	21	.16	.051	.26	.06	21
25.20	1.210	.3498	1.740	.850	21	[illegible]	.084	.44	[illegible]	21
25.40	1.440	.3985	2.100	1.030	21	[illegible]	[illegible]	.64	[illegible]	21
25.60	1.834	.4598	2.600	1.260	21	[illegible]	[illegible]	[illegible]	[illegible]	21
25.80	2.380	.4550	3.030	1.730	21	[illegible]	[illegible]	[illegible]	[illegible]	21
26.00	2.870	.2445	3.290	2.490	21	[illegible]	[illegible]	[illegible]	[illegible]	21
26.20	[illegible]	.3357	3.850	2.780	21	[illegible]	[illegible]	[illegible]	[illegible]	21
26.40	[illegible]	.3476	3.970	3.000	21	[illegible]	[illegible]	[illegible]	[illegible]	21
26.60	[illegible]	.3607	4.280	3.260	21	[illegible]	[illegible]	[illegible]	[illegible]	21
26.80	4.610	.2848	5.140	4.080	21	[illegible]	[illegible]	[illegible]	[illegible]	21
27.00	[illegible]	[illegible]	6.170	[illegible]	19	[illegible]	[illegible]	[illegible]	[illegible]	19
27.10	[illegible]	[illegible]	8.210	[illegible]	19	[illegible]	[illegible]	[illegible]	[illegible]	19
27.20	[illegible]	[illegible]	9.360	8.350	19	[illegible]	[illegible]	[illegible]	[illegible]	19
27.30	[illegible]	[illegible]	10.700	[illegible]	19	[illegible]	[illegible]	[illegible]	[illegible]	19
27.40	[illegible]	[illegible]	11.440	[illegible]	18	[illegible]	[illegible]	[illegible]	[illegible]	18
27.50	13.649	[illegible]	14.520	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
27.60	16.224	.3875	16.810	15.800	[illegible]	164.6	[illegible]	[illegible]	[illegible]	[illegible]
27.70	20.870	.9051	20.710	19.430	[illegible]	181.64	[illegible]	196.04	[illegible]	[illegible]
27.75	23.885	2.1284	25.390	22.380	[illegible]	290.82	65.252	336.96	244.68	[illegible]
27.76	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0

DELTA DH / ACC. POT

SIGMA -T	DELTA DH MEAN	S.D.	MAX	MIN	N	ACC. POT MEAN	S.D.	MAX	MIN	N
24.20	11.252	.1251	11.428	11.143	4	11.886	.1911	12.097	11.662	4
24.40	11.334	.1882	11.637	11.013	9	11.980	.1826	[illegible]	[illegible]	9
24.60	11.195	.2271	11.663	10.848	15	[illegible]	.1740	[illegible]	[illegible]	15
24.80	11.113	.2049	11.661	10.801	19	[illegible]	.1914	[illegible]	[illegible]	19
25.00	10.980	.1935	11.446	10.728	19	[illegible]	.1864	[illegible]	[illegible]	19
25.20	10.786	.1903	11.131	10.379	19	[illegible]	.1800	[illegible]	[illegible]	19
25.40	10.553	.2450	10.934	10.019	19	[illegible]	[illegible]	[illegible]	[illegible]	19
25.60	10.164	.3517	10.698	9.517	19	[illegible]	.1694	[illegible]	[illegible]	19
25.80	9.603	.3360	10.337	9.111	19	[illegible]	[illegible]	[illegible]	[illegible]	19
26.00	9.150	.1344	9.374	8.869	19	[illegible]	[illegible]	[illegible]	[illegible]	19
26.20	8.873	.1534	9.148	8.532	19	[illegible]	[illegible]	[illegible]	[illegible]	19
26.40	8.655	.1775	8.894	8.204	19	[illegible]	[illegible]	[illegible]	[illegible]	19
26.60	8.341	.1939	8.665	7.890	19	[illegible]	[illegible]	[illegible]	[illegible]	19
26.80	7.380	.1703	7.657	7.092	19	[illegible]	[illegible]	[illegible]	[illegible]	19
27.00	5.437	.1970	5.658	4.909	19	[illegible]	[illegible]	[illegible]	[illegible]	19
27.10	4.364	.1411	4.634	4.137	19	[illegible]	.0848	[illegible]	[illegible]	19
27.20	3.151	.1416	3.393	2.869	19	[illegible]	.0738	[illegible]	[illegible]	19
27.30	1.818	.1939	2.141	1.394	19	[illegible]	.0597	[illegible]	[illegible]	19
27.40	.551	.2398	.669	-.309	18	[illegible]	.0441	[illegible]	[illegible]	18
27.50	-1.871	.4297	-1.304	-2.695	[illegible]	[illegible]	.0189	[illegible]	[illegible]	[illegible]
27.60	-4.217	.3513	-3.751	-4.714	[illegible]	[illegible]	.0204	[illegible]	[illegible]	[illegible]
27.70	-7.996	.8648	-7.364	-8.607	[illegible]	[illegible]	.0441	[illegible]	[illegible]	[illegible]
27.75	-11.811	2.0923	-10.331	-13.290	[illegible]	.807	.0651	[illegible]	[illegible]	[illegible]
27.76	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0

OXYGEN / SOUND

SIGMA -T	OXYGEN MEAN	S.D.	MAX	MIN	N	SOUND MEAN	S.D.	MAX	MIN	N
24.20	6.32	n/a	n/a	n/a	1	1502	1.7	1505	1501	5
24.40	6.45	.085	6.51	6.39	2	1499	1.6	1503	1497	11
24.60	6.57	.135	6.69	6.44	2	1496	1.6	1499	1494	14
24.80	6.79	.043	6.84	6.76	2	1493	1.4	1497	1490	19
25.00	6.94	.105	7.05	6.84	2	1489	1.4	1491	1486	21
25.20	7.02	.196	7.38	6.85	2	1485	1.6	1488	1482	21
25.40	7.06	.280	7.38	6.86	2	1481	1.7	1484	1478	21
25.60	6.88	.325	7.24	6.55	2	1477	1.4	1480	1475	21
25.80	6.47	.440	6.97	5.93	2	1473	1.4	1476	1471	21
26.00	6.01	.381	6.43	5.69	2	1473	1.1	1474	1468	21
26.20	5.49	.336	5.81	5.14	2	1473	.5	1474	1470	21
26.40	4.92	.308	5.45	4.57	2	1473	.5	1476	1470	21
26.60	4.29	.303	4.53	3.95	2	1473	.9	1477	1470	21
26.80	3.11	.264	3.54	2.83	2	1473	1.0	1474	1470	21
27.00	1.56	.116	1.64	1.43	2	1473	.6	1473	1471	19
27.10	1.07	.106	1.19	.90	2	1473	.5	1474	1471	19
27.20	.67	.055	.71	.61	2	1474	.4	1475	1474	19
27.30	.54	.030	.57	.51	2	1476	.5	1476	1475	19
27.40	.48	.000	.48	.48	2	1478	.5	1478	1477	18
27.50	.55	.028	.55	.55	2	1481	.5	1482	1480	[illegible]
27.60	1.01	.057	1.05	.97	2	1486	.7	1487	1485	[illegible]
27.70	1.79	n/a	n/a	n/a	1	1496	1.4	1497	1495	[illegible]
27.75	2.78	n/a	n/a	n/a	1	1509	6.4	1513	1504	[illegible]
27.76	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a	0

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SIGMA -T	TEMPERATURE MEAN	S.D.	MAX	MIN	N	SALINITY MEAN	S.D.	MAX	MIN	N
24.20	14.33	.092	14.39	14.26	2	32.488	.0277	32.508	32.468	2
24.40	13.36	.255	13.89	13.03	14	32.505	.0629	32.651	32.410	14
24.60	12.35	.328	12.81	11.75	16	32.540	.0679	32.685	32.410	16
24.80	11.27	.327	11.93	10.60	17	32.561	.0745	32.715	32.438	17
25.00	10.24	.335	11.09	9.56	17	32.594	.0754	32.755	32.478	17
25.20	9.28	.382	10.28	8.61	17	32.626	.0805	32.808	32.507	17
25.40	8.31	.436	9.35	7.74	17	32.658	.0869	32.853	32.550	17
25.60	7.15	.536	8.19	6.51	17	32.695	.0944	32.872	32.582	17
25.80	6.11	.474	7.16	5.43	17	32.771	.0761	32.940	32.664	17
26.00	5.63	.461	6.28	4.91	17	32.952	.0710	33.059	32.845	17
26.20	5.52	.465	6.20	4.94	17	33.191	.0711	33.301	33.108	17
26.40	5.49	.518	6.24	4.61	17	33.438	.0771	33.550	33.308	17
26.60	5.42	.527	6.21	4.50	17	33.679	.0790	33.799	33.546	17
26.80	4.75	.321	5.36	4.11	17	33.832	.0454	33.920	33.745	17
27.00	4.07	.111	4.23	3.72	16	33.992	.0141	34.014	33.949	16
27.10	3.89	.069	3.99	3.75	16	34.094	.0097	34.108	34.076	16
27.20	3.64	.062	3.76	3.53	16	34.190	.0081	34.205	34.176	16
27.30	3.36	.070	3.51	3.24	16	34.280	.0082	34.299	34.267	16
27.40	2.99	.061	3.11	2.87	16	34.364	.0065	34.377	34.350	16
27.50	2.60	.062	2.72	2.48	13	34.447	.0059	34.459	34.433	13
27.60	2.17	.061	2.24	2.09	4	34.528	.0064	34.535	34.520	4
27.70	1.81	.035	1.84	1.79	2	34.616	.0023	34.619	34.614	2
27.75	1.61	.014	1.62	1.60	2	34.659	.0000	34.660	34.658	2
27.76	1.57	.014	1.58	1.56	2	34.667	.0000	34.668	34.666	2

SIGMA -T	DEPTH MEAN	S.D.	MAX	MIN	N	SVA MEAN	S.D.	MAX	MIN	N
24.20	12	10.6	19	4	2	373.2	.30	373.4	373.0	2
24.40	29	6.6	38	16	14	354.4	.16	354.7	354.2	14
24.60	31	6.8	40	15	16	335.3	.17	335.6	335.0	16
24.80	34	5.3	41	24	17	316.1	.17	316.5	315.8	17
25.00	38	5.4	44	27	17	297.1	.16	297.4	296.8	17
25.20	41	5.2	48	29	17	278.1	.17	278.4	277.8	17
25.40	47	7.0	62	35	17	259.3	.14	259.5	259.0	17
25.60	63	14.4	88	43	17	240.4	.16	240.7	240.2	17
25.80	88	15.4	111	69	17	221.6	.16	221.9	221.3	17
26.00	110	9.4	127	94	17	202.7	.11	202.9	202.5	17
26.20	122	9.9	142	106	17	183.9	.12	184.1	183.6	17
26.40	135	11.9	161	117	17	165.1	.18	165.5	164.8	17
26.60	155	15.1	186	135	17	146.4	.20	146.7	146.0	17
26.80	233	21.2	281	205	17	128.0	.24	128.5	127.6	17
27.00	404	19.8	441	348	16	110.2	.21	110.6	109.7	16
27.10	502	23.8	543	448	16	101.4	.22	101.8	100.9	16
27.20	631	33.9	696	563	16	92.7	.26	93.2	92.3	16
27.30	781	31.3	844	714	16	84.0	.21	84.4	83.7	16
27.40	980	34.5	1043	913	16	75.2	.17	75.6	75.0	16
27.50	1251	52.6	1379	1155	13	66.4	.21	66.9	66.2	13
27.60	1703	96.3	1829	1595	4	58.0	.17	58.2	57.8	4
27.70	2293	72.8	2344	2241	2	49.5	.00	49.5	49.5	2
27.75	3027	236.2	3194	2860	2	46.0	.57	46.4	45.6	2
27.76	3194	273.7	3387	3000	2	45.1	.71	45.6	44.6	2

SIGMA -T	THETA MEAN	S.D.	MAX	MIN	N	SVA (THETA) MEAN	S.D.	MAX	MIN	N
24.20	14.33	.092	14.39	14.26	2	372.6	.19	372.7	372.4	2
24.40	13.36	.253	13.89	13.03	14	352.4	1.28	353.7	350.2	14
24.60	12.34	.327	12.80	11.74	15	331.0	3.35	334.6	325.9	16
24.80	11.27	.327	11.92	10.60	17	310.7	4.15	315.4	303.6	17
25.00	10.24	.333	11.08	9.56	17	291.2	3.68	296.6	284.4	17
25.20	9.28	.381	10.27	8.61	17	273.8	3.03	277.3	267.7	17
25.40	8.31	.437	9.35	7.74	17	257.3	1.78	258.5	253.0	17
25.60	7.14	.536	8.18	6.50	17	238.8	.87	239.5	236.4	17
25.80	6.10	.474	7.15	5.42	17	220.2	.29	220.5	219.4	17
26.00	5.62	.461	6.27	4.90	17	201.2	.28	201.5	200.6	17
26.20	5.51	.465	6.19	4.93	17	182.0	.41	182.5	181.2	17
26.40	5.48	.519	6.23	4.60	17	163.2	.26	163.5	162.7	17
26.60	5.41	.526	6.20	4.49	17	144.3	.12	144.5	144.1	17
26.80	4.73	.321	5.34	4.09	17	125.4	.04	125.5	125.3	17
27.00	4.04	.111	4.20	3.69	16	106.3	.11	106.4	106.0	16
27.10	3.85	.070	3.96	3.71	16	96.8	.05	96.9	96.7	16
27.20	3.60	.061	3.71	3.49	16	87.2	.05	87.3	87.2	16
27.30	3.30	.071	3.45	3.18	16	77.7	.03	77.8	77.7	16
27.40	2.93	.062	3.04	2.80	16	68.2	.05	68.2	68.1	16
27.50	2.52	.066	2.64	2.38	13	58.5	.09	58.6	58.4	13
27.60	2.05	.070	2.13	1.96	4	48.6	.06	48.7	48.6	4
27.70	1.65	.042	1.68	1.62	2	39.1	.01	39.1	39.1	2
27.75	1.38	.042	1.41	1.35	2	34.0	.14	34.1	33.9	2
27.76	1.32	.035	1.35	1.30	2	33.1	.21	33.2	32.9	2

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DELTA D

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	.445	.4031	.730	.160	2
24.40	1.054	.2404	1.400	.580	14
24.60	1.113	.2562	1.460	.510	16
24.80	1.228	.2013	1.510	.870	17
25.00	1.324	.1983	1.560	.940	17
25.20	1.431	.1866	1.670	1.010	17
25.40	1.578	.2191	1.930	1.160	17
25.60	1.988	.3951	2.680	1.360	17
25.80	2.563	.4211	3.190	1.980	17
26.00	3.042	.2891	3.480	2.500	17
26.20	3.274	.2884	3.810	2.740	17
26.40	3.499	.3214	4.140	2.930	17
26.60	3.814	.3716	4.530	3.250	17
26.80	4.861	.4357	5.790	4.190	17
27.00	6.929	.3500	7.680	6.110	16
27.10	7.958	.3672	8.760	7.180	16
27.20	9.236	.4652	10.270	8.300	16
27.30	10.574	.4554	11.600	9.640	16
27.40	12.172	.4680	13.220	11.230	16
27.50	14.057	.4916	15.050	12.960	13
27.60	16.972	.7586	17.900	16.070	4
27.70	19.935	.5586	20.330	19.540	2
27.75	23.495	1.3647	24.460	22.530	2
27.76	24.270	1.5556	25.370	23.170	2

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.04	.049	.07	.00	2
.16	.067	.27	.05	14
.18	.073	.30	.04	16
.22	.065	.32	.11	17
.25	.069	.34	.13	17
.30	.069	.39	.15	17
.37	.098	.57	.20	17
.62	.256	1.09	.28	17
1.07	.350	1.59	.63	17
1.54	.272	2.01	1.07	17
1.81	.299	2.40	1.31	17
2.12	.367	2.93	1.53	17
2.59	.493	3.62	1.93	17
4.68	.839	6.66	3.58	17
11.34	1.072	13.61	8.57	16
16.23	1.465	19.10	12.92	16
23.57	2.445	28.72	18.72	16
33.27	2.717	39.20	27.51	16
47.72	3.489	54.88	40.85	16
69.81	5.653	83.37	59.19	13
113.69	12.674	130.41	99.64	4
176.25	11.710	184.53	167.97	2
274.67	39.676	302.72	246.61	2
299.85	47.737	333.61	266.10	2

DELTA DH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	11.884	.1089	11.961	11.807	2
24.40	11.219	.1900	11.522	10.842	13
24.60	11.118	.1770	11.362	10.790	15
24.80	11.001	.1980	11.309	10.634	16
25.00	10.901	.2085	11.251	10.474	16
25.20	10.792	.2137	11.197	10.325	16
25.40	10.646	.2301	10.981	10.182	16
25.60	10.222	.2745	10.641	9.615	16
25.80	9.649	.2641	10.124	9.207	16
26.00	9.174	.1796	9.409	8.864	16
26.20	8.943	.2053	9.227	8.542	16
26.40	8.715	.2084	9.021	8.312	16
26.60	8.400	.2160	8.749	8.009	16
26.80	7.347	.2294	7.802	6.829	16
27.00	5.321	.1398	5.692	5.128	16
27.10	4.271	.1581	4.627	4.035	16
27.20	3.014	.2594	3.509	2.457	16
27.30	1.676	.2323	2.168	1.206	16
27.40	.079	.2610	.572	-0.411	16
27.50	-1.858	.3925	-1.153	-2.822	13
27.60	-4.736	.7099	-3.951	-5.675	4
27.70	-7.783	.5155	-7.419	-8.148	2
27.75	-11.343	1.3272	-10.405	-12.282	2
27.76	-12.119	1.5132	-11.049	-13.189	2

ACC. POT.

MEAN	S.D.	MAX	MIN	N
12.326	.2871	12.529	12.123	2
12.280	.2219	12.754	11.987	13
12.172	.2374	12.681	11.803	15
12.112	.2253	12.604	11.739	16
12.042	.2211	12.524	11.668	16
11.966	.2181	12.441	11.587	16
11.883	.2158	12.352	11.497	16
11.781	.2088	12.236	11.389	16
11.637	.1919	12.048	11.260	16
11.445	.1775	11.830	11.095	16
11.222	.1710	11.596	10.874	16
10.978	.1673	11.343	10.621	16
10.706	.1595	11.056	10.345	16
10.366	.1436	10.670	10.024	16
9.805	.1184	10.051	9.534	16
9.406	.1021	9.614	9.186	16
8.910	.0780	9.069	8.747	16
8.292	.0475	8.385	8.199	16
7.516	.0190	7.563	7.485	16
6.540	.0267	6.578	6.474	13
5.262	.1235	5.376	5.087	4
3.712	.1584	3.824	3.600	2
2.796	.0318	2.819	2.774	2
2.505	.0304	2.527	2.484	2

OXYGEN

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	6.35	.141	6.45	6.25	2
24.60	6.41	.201	6.62	6.22	3
24.80	6.57	.181	6.78	6.44	3
25.00	6.72	.176	6.92	6.61	3
25.20	6.85	.178	7.05	6.71	3
25.40	6.97	.181	7.16	6.80	3
25.60	7.02	.127	7.13	6.88	3
25.80	6.97	.108	7.09	6.88	3
26.00	6.66	.146	6.82	6.54	3
26.20	6.03	.032	6.07	6.01	3
26.40	5.44	.081	5.53	5.38	3
26.60	4.75	.257	5.05	4.59	3
26.80	3.27	.131	3.41	3.15	3
27.00	1.62	.108	1.70	1.50	3
27.10	1.04	.055	1.08	.98	3
27.20	.73	.052	.76	.67	3
27.30	.51	.040	.55	.47	3
27.40	.46	.015	.47	.44	3
27.50	.54	.015	.56	.53	3
27.60	.97	.085	1.03	.91	2
27.70	1.74	n/a	n/a	n/a	1
27.75	2.83	n/a	n/a	n/a	1
27.76	2.91	n/a	n/a	n/a	1

SOUND

MEAN	S.D.	MAX	MIN	N
1502	.0	1502	1502	2
1499	.9	1501	1498	14
1496	1.2	1498	1494	16
1492	1.3	1495	1490	17
1489	1.3	1492	1486	17
1485	1.5	1489	1483	17
1482	1.7	1486	1480	17
1478	2.1	1482	1475	17
1474	1.9	1478	1471	17
1473	1.8	1475	1470	17
1473	1.9	1476	1470	17
1473	2.2	1476	1469	17
1473	2.3	1477	1470	17
1472	1.3	1474	1470	17
1472	.6	1473	1471	16
1473	.6	1474	1472	16
1475	.7	1476	1474	16
1476	.6	1477	1475	16
1478	.4	1479	1477	16
1481	.6	1482	1480	13
1487	1.6	1489	1485	4
1496	.7	1496	1495	2
1507	4.2	1510	1504	2
1510	4.2	1513	1507	2

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TEMPERATURE

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	13.69	n/a	n/a	n/a	1
24.60	12.32	.629	12.76	11.87	2
24.80	11.19	.621	11.91	10.81	3
25.00	9.99	.404	10.57	9.63	4
25.20	8.84	.320	9.34	8.52	5
25.40	7.82	.322	8.23	7.50	5
25.60	6.85	.259	7.19	6.49	5
25.80	6.15	.271	6.34	5.68	5
26.00	5.53	.484	6.08	5.04	5
26.20	5.39	.455	5.95	4.96	5
26.40	5.36	.468	6.03	4.81	5
26.60	5.46	.277	5.95	5.29	5
26.80	4.87	.125	5.04	4.75	5
27.00	4.14	.092	4.23	3.99	5
27.10	3.91	.048	3.95	3.85	4
27.20	3.62	.022	3.64	3.59	4
27.30	3.33	.036	3.38	3.30	4
27.40	3.02	.063	3.11	2.97	4
27.50	2.63	.057	2.70	2.58	4
27.60	2.18	.000	2.18	2.18	2
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

SALINITY

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
32.580	n/a	n/a	n/a	1
32.515	.1382	32.613	32.417	2
32.508	.1200	32.643	32.414	3
32.529	.1029	32.679	32.450	4
32.549	.0955	32.711	32.478	5
32.592	.0881	32.741	32.510	5
32.656	.0651	32.768	32.604	5
32.779	.0386	32.812	32.715	5
32.935	.0724	33.018	32.862	5
33.174	.0661	33.252	33.112	5
33.419	.0687	33.517	33.345	5
33.683	.0417	33.757	33.656	5
33.848	.0180	33.873	33.831	5
34.002	.0097	34.013	33.985	5
34.098	.0079	34.103	34.089	4
34.187	.0062	34.189	34.184	4
34.278	.0025	34.283	34.274	4
34.366	.0073	34.376	34.361	4
34.449	.0079	34.456	34.445	4
34.530	.0000	34.530	34.530	2
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

DEPTH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	25	n/a	n/a	n/a	1
24.60	41	17.7	53	28	2
24.80	46	14.2	57	30	3
25.00	51	12.7	62	33	4
25.20	56	11.7	66	36	5
25.40	61	13.0	72	39	5
25.60	73	20.5	99	42	5
25.80	86	27.4	122	45	5
26.00	103	17.3	132	85	5
26.20	116	14.1	141	107	5
26.40	127	14.5	151	114	5
26.60	150	15.0	172	135	5
26.80	224	22.9	264	209	5
27.00	394	29.8	437	359	5
27.10	497	32.2	529	453	4
27.20	617	26.7	639	581	4
27.30	763	28.9	789	729	4
27.40	944	48.2	987	891	4
27.50	1207	75.5	1274	1136	4
27.60	1660	17.0	1672	1648	2
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

SVA

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
354.4	n/a	n/a	n/a	1
335.5	.28	335.7	335.3	2
316.5	.15	316.7	316.4	3
297.3	.24	297.5	297.0	4
278.3	.31	278.6	277.8	5
259.4	.34	259.7	259.0	5
240.4	.42	240.9	239.8	5
221.5	.33	222.0	221.1	5
202.7	.27	203.1	202.4	5
183.7	.27	184.2	183.5	5
165.0	.32	165.5	164.7	5
146.3	.29	146.8	146.1	5
128.0	.25	128.4	127.8	5
110.2	.30	110.6	109.9	5
101.4	.22	101.6	101.1	4
92.6	.22	92.8	92.3	4
83.8	.21	84.0	83.6	4
75.0	.18	75.2	74.8	4
66.3	.26	66.5	66.0	4
58.0	.07	58.0	57.9	2
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

THETA

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	13.69	n/a	n/a	n/a	1
24.60	12.31	.636	12.76	11.86	2
24.80	11.19	.621	11.91	10.81	3
25.00	9.98	.404	10.56	9.62	4
25.20	8.84	.324	9.34	8.51	5
25.40	7.82	.317	8.22	7.50	5
25.60	6.84	.262	7.19	6.48	5
25.80	6.14	.267	6.33	5.68	5
26.00	5.53	.481	6.07	5.04	5
26.20	5.38	.455	5.94	4.95	5
26.40	5.34	.465	6.01	4.80	5
26.60	5.45	.277	5.94	5.28	5
26.80	4.85	.125	5.02	4.73	5
27.00	4.11	.089	4.20	3.97	5
27.10	3.88	.049	3.92	3.82	4
27.20	3.58	.019	3.59	3.55	4
27.30	3.28	.038	3.33	3.25	4
27.40	2.95	.063	3.04	2.90	4
27.50	2.54	.060	2.62	2.49	4
27.60	2.06	.007	2.07	2.06	2
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
353.3	n/a	n/a	n/a	1
332.4	1.27	333.3	331.5	2
313.3	3.08	315.6	309.8	3
291.9	1.96	294.6	290.1	4
273.0	3.24	277.2	268.4	5
255.3	3.82	258.4	249.8	5
237.7	2.39	239.5	233.8	5
220.0	.44	220.4	219.4	5
201.4	.04	201.4	201.3	5
181.8	.56	182.3	181.1	5
163.1	.40	163.4	162.6	5
144.4	.11	144.5	144.2	5
125.4	.00	125.4	125.4	5
106.3	.12	106.4	106.1	5
96.8	.05	96.9	96.8	4
87.3	.05	87.3	87.2	4
77.7	.01	77.7	77.7	4
68.2	.01	68.2	68.2	4
58.5	.11	58.6	58.4	4
48.6	.07	48.7	48.6	2
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

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DELTA D

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	.910	n/a	n/a	n/a	1
24.60	1.425	.6152	1.860	.990	2
24.80	1.570	.4789	2.010	1.060	3
25.00	1.680	.4159	2.150	1.160	4
25.20	1.798	.3824	2.280	1.240	5
25.40	1.940	.4120	2.440	1.320	5
25.60	2.234	.6218	3.120	1.390	5
25.80	2.524	.7808	3.650	1.460	5
26.00	2.902	.5838	3.870	2.290	5
26.20	3.154	.5088	4.050	2.780	5
26.40	3.340	.4951	4.210	2.990	5
26.60	3.696	.4968	4.540	3.260	5
26.80	4.700	.6131	5.790	4.350	5
27.00	6.732	.6725	7.870	6.160	5
27.10	7.867	.7147	8.860	7.160	4
27.20	9.045	.6424	9.940	8.410	4
27.30	10.342	.6633	11.280	9.720	4
27.40	11.800	.7867	12.870	11.020	4
27.50	13.668	.9478	14.890	12.750	4
27.60	16.825	.6010	17.250	16.400	2
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
.12	n/a	n/a	n/a	1
.32	.255	.50	.14	2
.39	.213	.58	.16	3
.45	.201	.67	.19	4
.53	.197	.75	.22	5
.62	.231	.87	.35	5
.85	.422	1.46	.28	5
1.12	.629	2.07	.31	5
1.44	.552	2.36	.86	5
1.71	.510	2.61	1.34	5
1.95	.517	2.85	1.60	5
2.46	.571	3.39	1.96	5
4.40	1.000	6.18	3.85	5
10.83	1.744	13.62	9.67	5
15.89	2.168	18.51	13.23	4
22.59	2.168	24.97	19.86	4
31.79	2.712	34.80	28.66	4
44.60	4.644	49.33	39.43	4
65.37	7.956	72.74	57.54	4
108.83	.848	109.43	108.23	2
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

DELTA DH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	10.978	n/a	n/a	n/a	1
24.60	10.968	.0990	11.038	10.898	2
24.80	10.700	.2716	10.889	10.389	3
25.00	10.563	.3061	10.749	10.210	3
25.20	10.337	.3408	10.645	10.039	4
25.40	10.202	.3585	10.566	9.891	4
25.60	9.878	.4166	10.493	9.618	4
25.80	9.585	.5629	10.426	9.243	4
26.00	9.201	.2723	9.595	9.016	4
26.20	8.935	.1576	9.110	8.766	4
26.40	8.738	.1891	8.894	8.494	4
26.60	8.441	.1928	8.624	8.211	4
26.80	7.364	.1807	7.486	7.103	4
27.00	5.308	.2312	5.581	5.021	4
27.10	4.269	.2289	4.584	4.036	4
27.20	3.095	.1724	3.335	2.959	4
27.30	1.796	.1946	2.026	1.617	4
27.40	.341	.3540	.731	.025	4
27.50	-1.529	.5513	-1.008	-2.019	4
27.60	-4.434	.1096	-4.357	-4.512	2
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

ACC. POT.

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
11.877	n/a	n/a	n/a	1
12.319	.6965	12.811	11.826	2
12.161	.4853	12.705	11.772	3
12.069	.4633	12.592	11.711	3
11.890	.3920	12.470	11.645	4
11.780	.3777	12.341	11.541	4
11.656	.3570	12.187	11.414	4
11.502	.3173	11.968	11.259	4
11.327	.2835	11.726	11.078	4
11.114	.2560	11.465	10.874	4
10.881	.2330	11.191	10.645	4
10.624	.2133	10.891	10.383	4
10.297	.1868	10.512	10.070	4
9.742	.1469	9.889	9.560	4
9.343	.1189	9.454	9.200	4
8.851	.0927	8.936	8.743	4
8.245	.0640	8.305	8.177	4
7.491	.0307	7.521	7.463	4
6.555	.0138	6.575	6.543	4
5.293	.0127	5.302	5.284	2
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

OXYGEN

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	n/a	n/a	n/a	n/a	0
25.60	n/a	n/a	n/a	n/a	0
25.80	n/a	n/a	n/a	n/a	0
26.00	n/a	n/a	n/a	n/a	0
26.20	n/a	n/a	n/a	n/a	0
26.40	n/a	n/a	n/a	n/a	0
26.60	n/a	n/a	n/a	n/a	0
26.80	n/a	n/a	n/a	n/a	0
27.00	n/a	n/a	n/a	n/a	0
27.10	n/a	n/a	n/a	n/a	0
27.20	n/a	n/a	n/a	n/a	0
27.30	n/a	n/a	n/a	n/a	0
27.40	n/a	n/a	n/a	n/a	0
27.50	n/a	n/a	n/a	n/a	0
27.60	n/a	n/a	n/a	n/a	0
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

SOUND

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
1501	n/a	n/a	n/a	1
1497	2.1	1498	1495	2
1492	2.3	1495	1491	3
1488	1.3	1490	1487	4
1484	1.2	1486	1483	5
1480	1.0	1481	1479	5
1477	1.1	1478	1475	5
1474	1.2	1475	1472	5
1472	2.3	1475	1470	5
1472	2.3	1475	1470	5
1472	2.3	1476	1470	5
1474	1.3	1476	1473	5
1473	.9	1474	1472	5
1473	.5	1473	1472	5
1474	.6	1474	1473	4
1475	.6	1475	1474	4
1476	.6	1476	1475	4
1478	.6	1478	1477	4
1480	1.2	1481	1479	4
1486	.0	1486	1486	2
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

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TEMPERATURE

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	9.34	.396	9.79	9.06	3
25.40	8.23	.264	8.59	7.88	5
25.60	7.11	.366	7.54	6.71	5
25.80	6.01	.457	6.59	5.60	5
26.00	5.47	.384	6.04	5.05	5
26.20	5.43	.374	5.92	5.05	5
26.40	5.46	.409	5.95	5.07	5
26.60	5.48	.435	6.09	5.07	5
26.80	4.86	.234	5.05	4.49	5
27.00	4.12	.085	4.24	4.04	5
27.10	3.88	.047	3.92	3.81	5
27.20	3.63	.022	3.65	3.60	5
27.30	3.34	.018	3.35	3.31	5
27.40	2.99	.033	3.01	2.93	5
27.50	2.63	.022	2.66	2.61	4
27.60	2.21	.012	2.22	2.20	3
27.70	1.80	n/a	n/a	n/a	1
27.75	1.59	n/a	n/a	n/a	1
27.76	n/a	n/a	n/a	n/a	0

SALINITY

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
32.593	.0833	32.688	32.534	3
32.639	.0696	32.751	32.565	5
32.700	.0737	32.807	32.631	5
32.769	.0722	32.857	32.700	5
32.927	.0560	33.009	32.862	5
33.171	.0562	33.247	33.117	5
33.435	.0625	33.512	33.372	5
33.687	.0654	33.781	33.624	5
33.847	.0337	33.875	33.795	5
33.999	.0095	34.014	33.990	5
34.094	.0044	34.099	34.085	5
34.188	.0037	34.192	34.184	5
34.278	.0038	34.281	34.274	5
34.363	.0042	34.366	34.356	5
34.449	.0000	34.452	34.447	4
34.532	.0033	34.534	34.531	3
34.614	n/a	n/a	n/a	1
34.657	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0

DEPTH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	54	5.9	61	50	3
25.40	66	6.1	73	57	5
25.60	74	7.9	82	64	5
25.80	87	10.0	95	71	5
26.00	106	10.0	119	94	5
26.20	122	9.5	132	106	5
26.40	133	10.1	141	115	5
26.60	148	12.4	158	127	5
26.80	220	19.1	249	198	5
27.00	395	24.6	437	372	5
27.10	498	23.7	529	471	5
27.20	609	22.3	639	587	5
27.30	759	28.2	800	732	5
27.40	957	30.9	1005	926	5
27.50	1211	29.7	1234	1171	4
27.60	1645	10.6	1655	1634	3
27.70	2294	n/a	n/a	n/a	1
27.75	2909	n/a	n/a	n/a	1
27.76	n/a	n/a	n/a	n/a	0

SVA

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
278.5	.05	278.6	278.5	3
259.6	.12	259.7	259.4	5
240.5	.11	240.6	240.3	5
221.5	.08	221.6	221.4	5
202.7	.05	202.7	202.6	5
183.9	.09	184.0	183.8	5
165.0	.13	165.2	164.9	5
146.3	.24	146.7	146.1	5
127.9	.27	128.3	127.6	5
110.1	.23	110.5	109.9	5
101.4	.24	101.7	101.1	5
92.5	.18	92.8	92.4	5
83.8	.16	84.0	83.6	5
75.0	.13	75.2	74.9	5
66.3	.15	66.4	66.1	4
58.0	.06	58.0	57.9	3
49.2	n/a	n/a	n/a	1
45.3	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0

THETA

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	9.33	.394	9.78	9.05	3
25.40	8.22	.264	8.59	7.88	5
25.60	7.10	.363	7.53	6.71	5
25.80	6.01	.463	6.59	5.59	5
26.00	5.47	.383	6.03	5.04	5
26.20	5.42	.374	5.91	5.04	5
26.40	5.45	.409	5.94	5.06	5
26.60	5.47	.435	6.08	5.06	5
26.80	4.84	.234	5.03	4.47	5
27.00	4.09	.085	4.21	4.01	5
27.10	3.85	.047	3.88	3.77	5
27.20	3.59	.019	3.61	3.56	5
27.30	3.29	.022	3.30	3.25	5
27.40	2.92	.035	2.95	2.86	5
27.50	2.54	.025	2.58	2.52	4
27.60	2.09	.010	2.10	2.08	3
27.70	1.63	n/a	n/a	n/a	1
27.75	1.37	n/a	n/a	n/a	1
27.76	n/a	n/a	n/a	n/a	0

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
277.1	.15	277.4	276.9	3
257.4	1.78	258.3	254.2	5
237.8	1.54	239.2	235.4	5
220.0	.49	220.5	219.6	5
201.3	.33	201.5	200.9	5
182.4	.10	182.5	182.3	5
163.1	.28	163.4	162.8	5
144.4	.08	144.5	144.3	5
125.4	.04	125.5	125.4	5
106.3	.10	106.4	106.2	5
96.8	.05	96.8	96.7	5
87.3	.09	87.3	87.1	5
77.7	.04	77.8	77.7	5
68.2	.01	68.2	68.2	5
58.5	.06	58.6	58.5	4
48.7	.06	48.7	48.6	3
39.1	n/a	n/a	n/a	1
34.1	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0

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DELTA D

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	1.563	.1704	1.750	1.460	3
25.40	1.852	.1374	1.980	1.650	5
25.60	2.040	.1595	2.200	1.820	5
25.80	2.332	.2152	2.520	1.980	5
26.00	2.750	.2082	3.020	2.530	5
26.20	3.056	.1919	3.270	2.750	5
26.40	3.242	.1951	3.420	2.910	5
26.60	3.488	.2243	3.650	3.100	5
26.80	4.458	.2674	4.870	4.210	5
27.00	6.550	.3298	7.120	6.280	5
27.10	7.650	.2902	8.100	7.340	5
27.20	8.726	.2775	9.180	8.460	5
27.30	10.066	.2768	10.400	9.810	5
27.40	11.650	.2866	11.970	11.310	5
27.50	13.465	.3284	13.830	13.070	4
27.60	16.240	.2165	16.470	16.040	3
27.70	19.910	n/a	n/a	n/a	1
27.75	22.860	n/a	n/a	n/a	1
27.76	n/a	n/a	n/a	n/a	0

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
.44	.095	.55	.38	3
.63	.104	.74	.48	5
.77	.141	.92	.59	5
1.01	.200	1.18	.70	5
1.43	.249	1.76	1.16	5
1.78	.249	2.08	1.39	5
2.03	.271	2.29	1.57	5
2.38	.333	2.60	1.80	5
4.22	.607	5.17	3.66	5
10.79	1.297	13.04	9.68	5
15.84	1.444	17.92	14.25	5
21.96	1.607	24.38	20.36	5
31.36	2.158	34.13	29.47	5
45.33	2.794	49.39	42.34	5
65.34	3.130	68.37	61.31	4
105.63	1.962	107.64	103.72	3
177.37	n/a	n/a	n/a	1
256.66	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0

DELTA DH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	10.393	.2727	10.641	10.101	3
25.40	10.047	.2460	10.457	9.811	5
25.60	9.857	.2746	10.287	9.584	5
25.80	9.567	.3282	10.131	9.352	5
26.00	9.148	.2971	9.538	8.766	5
26.20	8.840	.2356	9.106	8.514	5
26.40	8.652	.2298	8.948	8.364	5
26.60	8.409	.2200	8.762	8.239	5
26.80	7.440	.1656	7.631	7.238	5
27.00	5.348	.2061	5.506	4.991	5
27.10	4.247	.1915	4.450	4.007	5
27.20	3.170	.1609	3.326	2.928	5
27.30	1.831	.2078	2.028	1.530	5
27.40	.248	.2316	.479	-0.114	5
27.50	-1.556	.2078	-1.280	-1.717	4
27.60	-4.291	.0831	-4.200	-4.363	3
27.70	-7.796	n/a	n/a	n/a	1
27.75	-10.749	n/a	n/a	n/a	1
27.76	n/a	n/a	n/a	n/a	0

ACC. POT.

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
11.917	.1258	12.054	11.807	3
11.775	.1038	11.950	11.687	5
11.640	.1125	11.834	11.562	5
11.494	.1231	11.706	11.396	5
11.311	.1378	11.550	11.197	5
11.093	.1403	11.331	10.957	5
10.851	.1426	11.085	10.698	5
10.591	.1453	10.817	10.424	5
10.269	.1290	10.458	10.125	5
9.733	.1004	9.854	9.624	5
9.337	.0832	9.430	9.255	5
8.848	.0643	8.926	8.788	5
8.250	.0440	8.311	8.206	5
7.499	.0156	7.517	7.481	3
6.555	.0095	6.565	6.543	4
5.356	.0252	5.384	5.335	3
3.640	n/a	n/a	n/a	1
2.611	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0

OXYGEN

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	6.54	n/a	n/a	n/a	1
25.40	6.63	.007	6.64	6.63	2
25.60	6.70	.014	6.71	6.69	2
25.80	6.76	.035	6.79	6.74	2
26.00	6.85	.014	6.86	6.84	2
26.20	6.57	.445	6.88	6.25	2
26.40	5.95	.530	6.33	5.58	2
26.60	5.19	.460	5.51	4.86	2
26.80	3.19	.163	3.31	3.08	2
27.00	1.56	.396	1.84	1.28	2
27.10	1.08	.163	1.19	.96	2
27.20	.72	.134	.82	.63	2
27.30	.53	.078	.59	.48	2
27.40	.44	.078	.50	.39	2
27.50	.50	.021	.52	.49	2
27.60	.91	.035	.93	.88	2
27.70	1.76	n/a	n/a	n/a	1
27.75	2.62	n/a	n/a	n/a	1
27.76	n/a	n/a	n/a	n/a	0

SOUND

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
1486	1.2	1487	1485	3
1482	1.1	1483	1480	5
1478	1.3	1479	1476	5
1474	1.8	1476	1472	5
1472	1.5	1474	1470	5
1472	1.3	1474	1471	5
1473	1.8	1475	1471	5
1474	1.7	1476	1472	5
1473	1.1	1474	1471	5
1473	.5	1473	1472	5
1473	.5	1474	1473	5
1474	.4	1475	1474	5
1475	.5	1476	1475	5
1478	.5	1478	1477	5
1481	.6	1481	1480	4
1486	.0	1486	1486	3
1495	n/a	n/a	n/a	1
1505	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0

STATION MP22 D E C E M B E R 1956 to 1998

TEMPERATURE

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	8.16	.324	8.44	7.77	4
25.60	7.06	.446	7.69	6.38	10
25.80	6.15	.428	6.66	5.18	11
26.00	5.40	.447	5.96	4.61	11
26.20	5.18	.479	5.95	4.44	11
26.40	5.25	.528	6.02	4.53	11
26.60	5.30	.596	6.19	4.48	11
26.80	4.71	.390	5.29	4.04	11
27.00	3.95	.130	4.10	3.71	11
27.10	3.81	.081	3.90	3.65	10
27.20	3.58	.054	3.65	3.49	10
27.30	3.31	.051	3.39	3.23	10
27.40	2.99	.035	3.04	2.94	10
27.50	2.62	.048	2.68	2.53	10
27.60	2.24	.076	2.31	2.16	3
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

SALINITY

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
32.612	.0615	32.665	32.539	4
32.679	.0749	32.783	32.562	10
32.782	.0663	32.856	32.630	11
32.915	.0659	33.000	32.803	11
33.138	.0694	33.251	33.031	11
33.400	.0778	33.518	33.296	11
33.660	.0887	33.797	33.542	11
33.827	.0542	33.910	33.735	11
33.977	.0153	33.995	33.948	11
34.084	.0112	34.095	34.064	10
34.182	.0067	34.191	34.171	10
34.276	.0068	34.286	34.267	10
34.363	.0059	34.369	34.358	10
34.447	.0063	34.454	34.438	10
34.535	.0099	34.540	34.529	3
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

DEPTH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	75	12.2	85	57	4
25.60	83	5.9	93	75	10
25.80	91	6.4	98	79	11
26.00	103	10.0	124	90	11
26.20	119	11.0	141	103	11
26.40	132	12.4	158	114	11
26.60	151	15.0	178	126	11
26.80	220	23.4	254	176	11
27.00	382	26.8	421	331	11
27.10	490	29.2	535	437	10
27.20	614	28.3	652	573	10
27.30	766	33.1	813	712	10
27.40	957	29.6	1015	925	10
27.50	1222	44.2	1296	1166	10
27.60	1602	112.5	1722	1499	3
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

SVA

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
259.8	.20	260.0	259.5	4
240.7	.11	240.9	240.5	10
221.6	.11	221.8	221.4	11
202.6	.16	202.9	202.4	11
183.8	.20	184.0	183.5	11
165.0	.24	165.4	164.7	11
146.3	.33	146.9	145.9	11
127.8	.34	128.3	127.4	11
109.9	.32	110.3	109.4	11
101.2	.31	101.7	100.7	10
92.5	.25	92.8	92.1	10
83.8	.23	84.1	83.5	10
75.0	.21	75.5	74.8	10
66.3	.17	66.6	66.1	10
57.8	.40	58.2	57.4	3
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

THETA

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	8.15	.324	8.43	7.76	4
25.60	7.06	.447	7.69	6.37	10
25.80	6.15	.426	6.65	5.18	11
26.00	5.39	.445	5.95	4.61	11
26.20	5.17	.479	5.94	4.43	11
26.40	5.24	.525	6.00	4.52	11
26.60	5.28	.595	6.18	4.47	11
26.80	4.70	.390	5.27	4.02	11
27.00	3.92	.130	4.07	3.68	11
27.10	3.77	.078	3.86	3.62	10
27.20	3.54	.054	3.60	3.45	10
27.30	3.26	.052	3.34	3.18	10
27.40	2.92	.035	2.97	2.88	10
27.50	2.53	.051	2.60	2.45	10
27.60	2.13	.086	2.21	2.04	3
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
258.4	.14	258.5	258.2	4
238.9	.70	239.5	237.6	10
219.9	.73	220.4	218.2	11
201.3	.18	201.5	200.9	11
182.3	.19	182.4	181.9	11
163.3	.18	163.5	162.9	11
144.4	.05	144.5	144.3	11
125.4	.06	125.5	125.3	11
106.3	.08	106.4	106.2	11
96.8	.05	96.9	96.7	10
87.3	.07	87.3	87.1	10
77.7	.04	77.8	77.7	10
68.2	.03	68.2	68.1	10
58.6	.03	58.6	58.5	10
48.8	.20	49.0	48.6	3
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

STATION MP22 D E C E M B E R 1956 to 1990

DELTA D

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	2.007	.3344	2.280	1.520	4
25.60	2.155	.1973	2.440	1.850	10
25.80	2.327	.1924	2.610	1.940	11
26.00	2.582	.2633	2.990	2.160	11
26.20	2.883	.2580	3.320	2.450	11
26.40	3.124	.2844	3.620	2.640	11
26.60	3.415	.3256	3.920	2.830	11
26.80	4.357	.4493	4.890	3.500	11
27.00	6.280	.4770	6.980	5.460	11
27.10	7.414	.5193	8.220	6.570	10
27.20	8.619	.5090	9.360	7.850	10
27.30	9.976	.5381	10.790	9.080	10
27.40	11.07	.5088	12.290	10.850	10
27.50	13.388	.5475	14.300	12.580	10
27.60	15.687	1.1795	16.970	14.650	3
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
.78	.237	.99	.44	4
.92	.146	1.15	.72	10
1.08	.153	1.29	.78	11
1.34	.261	1.85	.98	11
1.69	.295	2.29	1.25	11
2.00	.362	2.76	1.46	11
2.43	.455	3.27	1.70	11
4.24	.835	5.47	2.73	11
10.17	1.426	12.31	7.72	11
15.29	1.908	18.28	12.09	10
22.12	2.222	25.25	18.99	10
31.75	2.921	36.00	27.13	10
45.28	3.206	51.29	41.61	10
66.37	4.610	75.15	60.03	10
101.17	14.367	116.72	88.39	3
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

DELTA DH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	9.956	.2400	10.309	9.756	4
25.60	9.811	.2411	10.050	9.306	9
25.80	9.435	.2041	9.817	9.176	10
26.00	9.212	.1673	9.564	9.049	10
26.20	8.913	.1285	9.086	8.632	10
26.40	8.679	.1207	8.881	8.407	10
26.60	8.390	.0996	8.528	8.196	10
26.80	7.442	.1905	7.781	7.206	10
27.00	5.486	.2050	5.885	5.227	10
27.10	4.339	.2197	4.775	3.997	10
27.20	3.133	.2040	3.431	2.855	10
27.30	1.777	.2476	2.198	1.425	10
27.40	.247	.4216	.484	-0.190	10
27.50	-1.633	.3264	-1.229	-2.200	10
27.60	-4.018	.7989	-3.301	-4.879	3
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

ACC. POT.

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
11.909	.1640	12.149	11.791	4
11.627	.2659	12.001	11.232	9
11.455	.2453	11.836	11.080	10
11.273	.2368	11.655	10.914	10
11.066	.2253	11.431	10.729	10
10.834	.2121	11.172	10.524	10
10.574	.1964	10.881	10.297	10
10.254	.1690	10.498	10.018	10
9.721	.1268	9.902	9.541	10
9.341	.1025	9.490	9.208	10
8.858	.0778	8.975	8.759	10
8.256	.0517	8.340	8.195	10
7.499	.0223	7.544	7.469	10
6.547	.0186	6.576	6.520	10
5.350	.0818	5.401	5.256	3
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

OXYGEN

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
24.20	n/a	n/a	n/a	n/a	0
24.40	n/a	n/a	n/a	n/a	0
24.60	n/a	n/a	n/a	n/a	0
24.80	n/a	n/a	n/a	n/a	0
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	n/a	n/a	n/a	n/a	0
25.60	n/a	n/a	n/a	n/a	0
25.80	6.95	n/a	n/a	n/a	1
26.00	6.86	n/a	n/a	n/a	1
26.20	6.66	n/a	n/a	n/a	1
26.40	5.96	n/a	n/a	n/a	1
26.60	5.20	n/a	n/a	n/a	1
26.80	3.72	n/a	n/a	n/a	1
27.00	2.05	n/a	n/a	n/a	1
27.10	1.27	n/a	n/a	n/a	1
27.20	.90	n/a	n/a	n/a	1
27.30	.63	n/a	n/a	n/a	1
27.40	.49	n/a	n/a	n/a	1
27.50	.50	n/a	n/a	n/a	1
27.60	.87	n/a	n/a	n/a	1
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

SOUND

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
1482	1.5	1483	1480	4
1478	1.9	1480	1475	10
1474	1.9	1476	1470	11
1472	2.0	1474	1468	11
1471	2.1	1474	1468	11
1472	2.3	1476	1469	11
1473	2.7	1477	1469	11
1472	1.8	1475	1469	11
1472	.8	1473	1470	11
1473	.8	1474	1472	10
1474	.6	1475	1473	10
1476	.5	1476	1475	10
1478	.7	1479	1477	10
1481	.7	1482	1480	10
1485	1.5	1487	1484	3
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

Table 24. As in Table 4, for Station 12 (P24).

Table 24 : STATION MP24 A L L D A T A (JANUARY-DECEMBER) 1956 to 1990

TEMPERATURE

PRESS	MEAN	S.D.	MAX	MIN	N
0	8.78	2.881	14.81	4.50	176
10	8.70	2.861	14.81	4.50	176
20	8.55	2.768	14.48	4.50	176
30	8.07	2.388	14.41	4.50	176
50	6.91	1.381	12.71	4.50	176
75	6.05	.789	9.34	4.50	176
100	5.44	.574	8.24	4.34	176
125	5.01	.388	6.10	4.17	176
150	4.96	.387	6.22	4.04	176
175	4.85	.394	6.00	3.85	176
200	4.67	.377	5.78	3.77	176
225	4.48	.350	5.58	3.75	176
250	4.33	.317	5.32	3.68	176
300	4.13	.235	4.83	3.60	176
400	3.92	.147	4.38	3.55	171
500	3.78	.089	3.99	3.54	153
600	3.60	.072	3.81	3.42	153
700	3.41	.063	3.63	3.27	152
800	3.24	.051	3.44	3.11	152
900	3.07	.046	3.27	2.97	152
1000	2.92	.042	3.10	2.82	152
1200	2.65	.037	2.74	2.54	147
1500	2.34	.034	2.41	2.26	84
2000	1.96	.029	2.05	1.92	17
2500	1.75	.021	1.77	1.71	7
3000	1.59	.016	1.62	1.57	7
3500	1.53	.012	1.55	1.51	7

SALINITY

MEAN	S.D.	MAX	MIN	N
32.593	.1011	32.867	32.360	176
32.592	.0995	32.811	32.338	176
32.595	.1003	32.816	32.337	176
32.606	.0986	32.840	32.336	176
32.635	.0935	32.860	32.370	176
32.674	.0957	32.921	32.500	176
32.809	.1958	33.520	32.500	176
33.199	.2866	33.784	32.655	176
33.580	.1821	33.844	33.027	176
33.737	.0906	33.890	33.417	176
33.792	.0568	33.910	33.625	176
33.820	.0464	33.920	33.671	176
33.846	.0411	33.950	33.711	176
33.897	.0341	34.010	33.772	176
34.008	.0287	34.129	33.925	171
34.104	.0230	34.158	34.040	153
34.181	.0206	34.235	34.125	153
34.245	.0196	34.304	34.201	152
34.296	.0173	34.342	34.252	152
34.340	.0167	34.381	34.300	152
34.377	.0158	34.418	34.333	152
34.438	.0160	34.485	34.389	147
34.508	.0163	34.557	34.468	84
34.582	.0181	34.630	34.548	17
34.627	.0071	34.636	34.616	7
34.657	.0064	34.665	34.651	7
34.677	.0141	34.701	34.660	7

SIGMA T

PRESS	MEAN	S.D.	MAX	MIN	N
0	25.250	.5153	25.922	24.008	176
10	25.262	.5118	25.931	24.005	176
20	25.289	.4917	25.933	24.072	176
30	25.379	.4213	25.954	24.069	176
50	25.583	.2388	25.974	24.497	176
75	25.731	.1443	26.071	25.250	176
100	25.912	.1819	26.492	25.520	176
125	26.270	.2179	26.721	25.850	176
150	26.577	.1306	26.788	26.156	176
175	26.714	.0620	26.833	26.460	176
200	26.777	.0374	26.867	26.656	176
225	26.820	.0328	26.899	26.734	176
250	26.856	.0317	26.960	26.779	176
300	26.918	.0301	27.053	26.838	176
400	27.028	.0285	27.146	26.958	171
500	27.119	.0238	27.174	27.048	153
600	27.198	.0208	27.248	27.146	153
700	27.267	.0191	27.319	27.224	152
800	27.325	.0163	27.368	27.291	152
900	27.374	.0153	27.409	27.339	152
1000	27.418	.0140	27.452	27.382	152
1200	27.490	.0143	27.527	27.449	147
1500	27.572	.0140	27.617	27.543	84
2000	27.662	.0155	27.702	27.628	17
2500	27.715	.0061	27.720	27.707	7
3000	27.750	.0043	27.756	27.745	7
3500	27.770	.0118	27.790	27.757	7

SVA

MEAN	S.D.	MAX	MIN	N
272.9	49.04	391.2	209.0	176
271.9	48.76	391.8	208.2	176
269.5	46.89	385.6	208.1	176
261.1	40.21	386.1	206.3	176
241.9	22.84	345.7	204.5	176
228.0	15.82	274.2	195.6	176
210.9	17.35	248.7	156.0	176
177.2	20.63	217.1	134.5	176
148.3	12.33	188.1	128.3	176
135.6	5.88	159.6	124.3	176
129.7	3.60	141.1	121.1	176
125.9	3.19	133.8	118.4	176
122.6	3.09	130.1	112.5	176
117.0	2.93	124.9	104.0	176
107.3	2.77	114.3	96.0	171
99.4	2.31	106.3	94.1	153
92.5	2.04	97.7	87.7	153
86.6	1.86	90.8	81.6	152
81.5	1.59	84.9	77.3	152
77.2	1.50	80.6	74.0	152
73.4	1.38	76.9	70.1	152
67.1	1.36	71.0	63.6	147
60.1	1.34	62.9	55.6	84
52.3	1.50	55.9	48.6	17
48.1	.48	49.0	47.7	7
45.5	.42	46.1	44.9	7
44.5	.98	45.7	42.8	7

THETA

PRESS	MEAN	S.D.	MAX	MIN	N
0	8.78	2.881	14.81	4.50	176
10	8.70	2.861	14.81	4.50	176
20	8.55	2.767	14.48	4.50	176
30	8.07	2.388	14.41	4.50	176
50	6.91	1.380	12.70	4.50	176
75	6.04	.789	9.33	4.49	176
100	5.43	.574	8.23	4.34	176
125	5.00	.388	6.09	4.16	176
150	4.95	.387	6.21	4.03	176
175	4.84	.394	5.98	3.83	176
200	4.65	.375	5.76	3.76	176
225	4.46	.349	5.56	3.73	176
250	4.32	.316	5.30	3.66	176
300	4.11	.235	4.81	3.58	176
400	3.89	.146	4.35	3.52	171
500	3.74	.088	3.95	3.50	153
600	3.55	.073	3.77	3.38	153
700	3.36	.063	3.58	3.22	152
800	3.18	.050	3.38	3.06	152
900	3.01	.046	3.21	2.91	152
1000	2.85	.042	3.03	2.75	152
1200	2.57	.037	2.66	2.46	147
1500	2.24	.034	2.31	2.16	84
2000	1.82	.029	1.91	1.78	17
2500	1.57	.023	1.59	1.53	7
3000	1.37	.016	1.40	1.35	7
3500	1.26	.012	1.28	1.24	7

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
272.9	49.04	391.2	209.0	176
271.7	48.70	391.5	208.1	176
269.2	46.78	385.0	207.9	176
260.6	40.07	385.3	206.0	176
241.2	22.70	344.4	204.0	176
227.1	13.71	272.8	194.8	176
209.8	17.28	247.0	154.8	176
175.8	20.69	215.6	133.1	176
146.6	12.39	186.6	126.7	176
133.7	5.88	157.8	122.4	176
127.6	3.54	139.1	119.2	176
123.6	3.11	131.8	116.1	176
120.1	3.00	127.4	110.4	176
114.2	2.84	121.8	101.4	176
103.7	2.70	110.3	92.5	171
95.1	2.24	101.7	89.8	153
87.5	1.98	92.5	82.8	153
81.0	1.81	85.0	76.0	152
75.4	1.55	78.6	71.3	152
70.7	1.46	74.0	67.4	152
66.5	1.34	69.9	63.2	152
59.6	1.33	63.4	56.1	147
51.7	1.31	54.4	47.4	84
42.9	1.48	46.2	39.2	17
37.7	.49	38.4	37.2	7
34.1	.44	34.5	33.5	7
31.9	1.08	33.1	30.0	7

STATION MP24 A L L D A T A (JANUARY-DECEMBER) 1956 to 1990

DELTA D

PRESS	MEAN	S.D.	MAX	MIN	N
0	.000	.0000	.000	.000	176
10	.273	.0489	.390	.210	176
20	.545	.0976	.770	.420	176
30	.811	.1402	1.170	.620	176
50	1.314	.1918	1.810	1.030	176
75	1.901	.2138	2.520	1.540	176
100	2.450	.2242	3.100	2.050	176
125	2.937	.2318	3.590	2.420	176
150	3.341	.2454	3.980	2.750	176
175	3.693	.2548	4.360	3.070	176
200	4.024	.2599	4.720	3.390	176
225	4.343	.2633	5.050	3.690	176
250	4.653	.2665	5.370	3.990	176
300	5.252	.2727	5.980	4.580	176
400	6.366	.2875	7.110	5.680	171
500	7.385	.3034	8.140	6.700	153
600	8.344	.3154	9.130	7.650	153
700	9.238	.3269	10.050	8.520	152
800	10.077	.3359	10.900	9.340	152
900	10.870	.3448	11.710	10.110	152
1000	11.623	.3533	12.480	10.840	152
1200	13.036	.3657	13.890	12.200	147
1500	14.891	.4068	15.810	14.050	84
2000	18.019	.4170	18.610	17.190	17
2500	20.371	.5075	21.000	19.710	7
3000	22.711	.4963	23.330	22.070	7
3500	24.970	.4929	25.560	24.340	7

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.00	.000	.00	.00	176
.01	.005	.02	.01	176
.06	.010	.08	.04	176
.12	.021	.18	.10	176
.33	.043	.46	.26	176
.70	.060	.91	.59	176
1.19	.077	1.43	1.01	176
1.75	.105	2.00	1.42	176
2.31	.147	2.64	1.88	176
2.90	.175	3.30	2.41	176
3.53	.191	3.99	3.01	176
4.22	.203	4.72	3.67	176
4.97	.215	5.49	4.39	176
6.65	.241	7.19	6.04	176
10.63	.314	11.30	9.90	171
15.35	.403	16.24	14.45	153
20.72	.505	21.88	19.63	153
26.64	.615	28.08	25.32	152
33.06	.729	34.73	31.44	152
39.93	.840	41.77	38.05	152
47.21	.957	49.25	45.09	152
62.93	1.223	65.61	60.12	147
88.84	1.750	92.66	85.13	84
140.07	2.064	144.59	136.59	17
196.78	2.101	199.62	193.89	7
262.36	1.816	264.93	259.50	7
337.17	2.328	340.53	332.83	7

OXYGEN

PRESS	MEAN	S.D	MAX	MIN	N
0	6.59	.825	7.41	4.72	9
10	6.57	.918	7.39	4.42	9
20	6.72	.769	7.40	4.99	9
30	6.87	.673	7.46	5.34	9
50	6.81	.834	7.54	4.78	9
75	6.90	.632	7.53	5.35	9
100	6.66	.701	7.43	5.42	9
125	5.52	.628	6.80	4.62	9
150	4.45	.643	5.62	3.66	9
175	3.85	.423	4.64	3.22	9
200	3.47	.341	4.10	2.99	9
225	3.06	.292	3.52	2.70	9
250	2.70	.266	3.18	2.37	9
300	2.23	.253	2.66	1.76	9
400	1.52	.177	1.75	1.13	9
500	1.05	.134	1.31	.83	9
600	.83	.146	1.13	.65	8
700	.70	.101	.91	.60	8
800	.60	.058	.72	.53	8
900	.56	.068	.66	.43	8
1000	.54	.044	.60	.47	8
1200	.58	.029	.61	.53	7
1500	.77	.053	.83	.68	7
2000	1.33	.082	1.44	1.19	6
2500	1.93	.053	2.00	1.88	4
3000	2.59	.082	2.69	2.52	4
3500	2.94	.074	3.03	2.85	4

SOUND

MEAN	S.D.	MAX	MIN	N
1482	10.6	1504	1466	176
1482	10.5	1504	1466	176
1482	10.2	1503	1466	176
1480	8.9	1503	1466	176
1476	5.3	1498	1467	176
1473	3.1	1486	1467	176
1472	2.3	1483	1467	176
1471	1.8	1476	1467	176
1471	1.8	1477	1467	176
1472	1.7	1476	1467	176
1471	1.6	1476	1467	176
1471	1.5	1476	1468	176
1471	1.4	1475	1468	176
1471	1.1	1474	1468	176
1472	.7	1474	1470	171
1473	.4	1474	1472	153
1474	.4	1475	1473	153
1475	.3	1476	1474	152
1476	.3	1477	1475	152
1477	.3	1478	1476	152
1478	.2	1479	1477	152
1480	.0	1480	1480	147
1484	.1	1484	1483	84
1491	.4	1491	1490	17
1498	.0	1498	1498	7
1506	.0	1506	1506	7
1514	.0	1514	1514	7

DELTA DH

PRESS	MEAN	S.D.	MAX	MIN	N
0	11.623	.3529	12.478	10.845	152
10	11.350	.3237	12.118	10.594	152
20	11.079	.2991	11.760	10.348	152
30	10.813	.2799	11.401	10.124	152
50	10.312	.2564	10.872	9.695	152
75	9.725	.2424	10.293	9.185	152
100	9.178	.2225	9.749	8.713	152
125	8.695	.1918	9.205	8.276	152
150	8.298	.1706	8.681	7.926	152
175	7.949	.1611	8.299	7.601	152
200	7.620	.1545	7.957	7.288	152
225	7.301	.1484	7.627	6.982	152
250	6.991	.1422	7.305	6.682	152
300	6.392	.1301	6.684	6.098	152
400	5.272	.1059	5.505	5.034	152
500	4.239	.0832	4.416	4.037	152
600	3.280	.0634	3.410	3.121	152
700	2.385	.0448	2.483	2.277	152
800	1.546	.0290	1.612	1.482	152
900	.753	.0144	.787	.717	152
1000	.000	.0000	.000	.000	152
1200	-1.401	.0272	-1.328	-1.473	147
1500	-3.299	.0659	-3.116	-3.471	84
2000	-6.158	.0905	-6.033	-6.392	17
2500	-8.644	.0755	-8.564	-8.777	7
3000	-10.985	.0651	-10.914	-11.109	7
3500	-13.244	.0800	-13.129	-13.391	7

Table 25. As in Table 5, for Station 12 (P24).

Table 25: STATION MP24 J A N U A R Y 1956 to 1990

TEMPERATURE

PRESS	MEAN	S.D.	MAX	MIN	N
0	6.62	.610	8.11	5.86	12
10	6.60	.606	8.10	5.86	12
20	6.59	.609	8.10	5.86	12
30	6.58	.611	8.09	5.86	12
50	6.58	.612	8.08	5.85	12
75	6.54	.622	8.07	5.81	12
100	5.92	.809	7.80	4.59	12
125	4.91	.554	5.91	4.25	12
150	4.79	.439	5.48	4.06	12
175	4.70	.422	5.65	4.08	12
200	4.57	.441	5.63	3.95	12
225	4.41	.424	5.46	3.85	12
250	4.29	.393	5.27	3.76	12
300	4.13	.270	4.75	3.73	12
400	3.90	.168	4.21	3.65	11
500	3.76	.127	3.97	3.56	10
600	3.58	.097	3.76	3.45	10
700	3.39	.083	3.57	3.30	10
800	3.22	.066	3.35	3.14	10
900	3.06	.051	3.13	2.98	10
1000	2.91	.049	2.97	2.83	10
1200	2.65	.037	2.70	2.58	9
1500	2.35	.055	2.41	2.31	3
2000	n/a	n/a	n/a	n/a	0
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0
3500	n/a	n/a	n/a	n/a	0

SALINITY

PRESS	MEAN	S.D.	MAX	MIN	N
0	32.578	.0871	32.750	32.498	12
10	32.577	.0881	32.760	32.494	12
20	32.580	.0898	32.765	32.493	12
30	32.581	.0926	32.777	32.492	12
50	32.579	.0944	32.770	32.490	12
75	32.590	.0931	32.781	32.500	12
100	32.764	.2033	33.086	32.500	12
125	33.289	.2034	33.575	33.000	12
150	33.639	.1085	33.808	33.465	12
175	33.762	.0678	33.848	33.613	12
200	33.803	.0578	33.900	33.686	12
225	33.827	.0517	33.920	33.728	12
250	33.853	.0482	33.920	33.767	12
300	33.902	.0337	33.958	33.828	12
400	34.010	.0301	34.066	33.969	11
500	34.107	.0322	34.153	34.040	10
600	34.183	.0282	34.233	34.141	10
700	34.250	.0220	34.286	34.221	10
800	34.299	.0202	34.326	34.260	10
900	34.345	.0201	34.381	34.320	10
1000	34.380	.0190	34.418	34.350	10
1200	34.440	.0221	34.485	34.410	9
1500	34.525	.0185	34.547	34.508	3
2000	n/a	n/a	n/a	n/a	0
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0
3500	n/a	n/a	n/a	n/a	0

SIGMA T

PRESS	MEAN	S.D.	MAX	MIN	N
0	25.585	.1124	25.818	25.461	12
10	25.588	.1117	25.826	25.463	12
20	25.591	.1120	25.829	25.471	12
30	25.592	.1138	25.839	25.477	12
50	25.592	.1156	25.835	25.473	12
75	25.604	.1161	25.849	25.481	12
100	25.818	.2280	26.169	25.530	12
125	26.352	.1587	26.586	26.081	12
150	26.643	.0737	26.764	26.554	12
175	26.750	.0468	26.830	26.678	12
200	26.797	.0407	26.867	26.730	12
225	26.832	.0364	26.890	26.766	12
250	26.866	.0422	26.931	26.791	12
300	26.922	.0389	26.977	26.851	12
400	27.035	.0342	27.076	26.968	11
500	27.123	.0345	27.160	27.048	10
600	27.202	.0300	27.244	27.151	10
700	27.273	.0237	27.304	27.232	10
800	27.328	.0198	27.350	27.297	10
900	27.380	.0190	27.409	27.355	10
1000	27.421	.0172	27.450	27.392	10
1200	27.492	.0188	27.526	27.464	9
1500	27.585	.0109	27.597	27.575	3
2000	n/a	n/a	n/a	n/a	0
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0
3500	n/a	n/a	n/a	n/a	0

SVA

PRESS	MEAN	S.D.	MAX	MIN	N
0	241.0	10.69	252.8	218.9	12
10	240.9	10.61	252.8	218.3	12
20	240.7	10.67	252.2	218.0	12
30	240.7	10.85	251.7	217.2	12
50	241.0	11.04	252.3	217.8	12
75	240.1	11.11	251.9	216.8	12
100	220.0	21.62	247.8	186.3	12
125	169.3	15.07	195.3	147.0	12
150	142.0	6.97	150.4	130.5	12
175	132.0	4.49	139.0	124.4	12
200	127.9	3.96	134.3	121.1	12
225	124.6	3.58	131.0	119.0	12
250	121.6	4.14	128.8	115.4	12
300	116.7	3.83	123.5	111.4	12
400	106.9	3.34	113.3	102.9	11
500	99.0	3.36	106.3	95.5	10
600	92.1	2.96	97.2	88.2	10
700	86.0	2.33	90.0	83.0	10
800	81.2	1.96	84.1	79.1	10
900	76.6	1.84	79.1	74.0	10
1000	73.1	1.69	76.0	70.4	10
1200	66.9	1.73	69.6	63.9	9
1500	58.9	.85	59.7	58.0	3
2000	n/a	n/a	n/a	n/a	0
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0
3500	n/a	n/a	n/a	n/a	0

THETA

PRESS	MEAN	S.D.	MAX	MIN	N
0	6.62	.610	8.11	5.86	12
10	6.60	.606	8.10	5.86	12
20	6.59	.609	8.10	5.86	12
30	6.58	.611	8.09	5.86	12
50	6.58	.614	8.08	5.84	12
75	6.53	.622	8.06	5.80	12
100	5.91	.808	7.79	4.59	12
125	4.90	.553	5.90	4.24	12
150	4.78	.440	5.47	4.05	12
175	4.69	.423	5.64	4.07	12
200	4.56	.437	5.61	3.94	12
225	4.40	.424	5.44	3.83	12
250	4.27	.392	5.25	3.74	12
300	4.11	.270	4.73	3.71	12
400	3.87	.168	4.18	3.62	11
500	3.72	.126	3.94	3.53	10
600	3.53	.099	3.71	3.40	10
700	3.34	.082	3.52	3.25	10
800	3.17	.068	3.30	3.08	10
900	3.00	.052	3.07	2.92	10
1000	2.84	.046	2.90	2.77	10
1200	2.56	.036	2.61	2.50	9
1500	2.25	.055	2.31	2.21	3
2000	n/a	n/a	n/a	n/a	0
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0
3500	n/a	n/a	n/a	n/a	0

SVA (THETA)

PRESS	MEAN	S.D.	MAX	MIN	N
0	241.0	10.69	252.8	218.9	12
10	240.7	10.63	252.7	218.1	12
20	240.4	10.66	251.9	217.8	12
30	240.3	10.82	251.3	216.8	12
50	240.3	10.98	251.6	217.2	12
75	239.1	11.01	250.8	215.9	12
100	218.8	21.49	246.1	185.4	12
125	168.0	15.06	193.7	145.8	12
150	140.4	6.98	148.9	129.0	12
175	130.2	4.44	137.1	122.7	12
200	125.8	3.84	132.1	119.2	12
225	122.4	3.46	128.7	116.9	12
250	119.2	4.01	126.3	113.0	12
300	113.9	3.67	120.6	108.7	12
400	103.4	3.24	109.4	99.2	11
500	94.7	3.26	101.7	91.2	10
600	87.1	2.86	92.0	83.2	10
700	80.4	2.26	84.2	77.4	10
800	75.1	1.88	78.0	73.0	10
900	70.1	1.79	72.5	67.4	10
1000	66.2	1.65	69.0	63.4	10
1200	59.4	1.74	62.0	56.2	9
1500	50.4	1.06	51.4	49.3	3
2000	n/a	n/a	n/a	n/a	0
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0
3500	n/a	n/a	n/a	n/a	0

STATION MP24 J A N U A R Y 1956 to 1990

DELTA D

PRESS	MEAN	S.D.	MAX	MIN	N
0	.000	.0000	.000	.000	12
10	.241	.0100	.250	.220	12
20	.483	.0210	.510	.440	12
30	.723	.0323	.760	.650	12
50	1.208	.0533	1.260	1.090	12
75	1.812	.0819	1.900	1.630	12
100	2.391	.1101	2.520	2.150	12
125	2.875	.1420	3.070	2.580	12
150	3.259	.1644	3.500	2.920	12
175	3.599	.1728	3.850	3.250	12
200	3.923	.1826	4.190	3.560	12
225	4.240	.1907	4.520	3.870	12
250	4.547	.1992	4.840	4.160	12
300	5.140	.2149	5.460	4.740	12
400	6.232	.2387	6.640	5.820	11
500	7.245	.2763	7.730	6.810	10
600	8.198	.3055	8.750	7.730	10
700	9.091	.3293	9.690	8.590	10
800	9.927	.3481	10.560	9.400	10
900	10.713	.3628	11.370	10.160	10
1000	11.462	.3769	12.130	10.880	10
1200	12.847	.4231	13.550	12.220	9
1500	14.327	.2397	14.470	14.050	3
2000	n/a	n/a	n/a	n/a	0
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0
3500	n/a	n/a	n/a	n/a	0

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.00	.000	.00	.00	12
.01	.000	.01	.01	12
.05	.003	.05	.04	12
.11	.006	.12	.10	12
.31	.012	.32	.28	12
.70	.031	.73	.62	12
1.21	.056	1.28	1.09	12
1.76	.104	1.92	1.57	12
2.30	.138	2.51	2.05	12
2.86	.156	3.10	2.59	12
3.48	.174	3.74	3.19	12
4.17	.192	4.45	3.85	12
4.91	.213	5.22	4.56	12
6.58	.262	6.97	6.15	12
10.51	.352	11.16	9.96	11
15.20	.502	16.15	14.49	10
20.55	.677	21.88	19.70	10
26.45	.841	28.08	25.38	10
32.83	.993	34.73	31.58	10
39.65	1.127	41.75	38.21	10
46.90	1.287	49.16	45.15	10
62.51	1.678	65.02	60.12	9
86.31	.932	87.00	85.25	3
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

OXYGEN

PRESS	MEAN	S.D.	MAX	MIN	N
0	n/a	n/a	n/a	n/a	0
10	n/a	n/a	n/a	n/a	0
20	n/a	n/a	n/a	n/a	0
30	n/a	n/a	n/a	n/a	0
50	n/a	n/a	n/a	n/a	0
75	n/a	n/a	n/a	n/a	0
100	n/a	n/a	n/a	n/a	0
125	n/a	n/a	n/a	n/a	0
150	n/a	n/a	n/a	n/a	0
175	n/a	n/a	n/a	n/a	0
200	n/a	n/a	n/a	n/a	0
225	n/a	n/a	n/a	n/a	0
250	n/a	n/a	n/a	n/a	0
300	n/a	n/a	n/a	n/a	0
400	n/a	n/a	n/a	n/a	0
500	n/a	n/a	n/a	n/a	0
600	n/a	n/a	n/a	n/a	0
700	n/a	n/a	n/a	n/a	0
800	n/a	n/a	n/a	n/a	0
900	n/a	n/a	n/a	n/a	0
1000	n/a	n/a	n/a	n/a	0
1200	n/a	n/a	n/a	n/a	0
1500	n/a	n/a	n/a	n/a	0
2000	n/a	n/a	n/a	n/a	0
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0
3500	n/a	n/a	n/a	n/a	0

SOUND

MEAN	S.D.	MAX	MIN	N
1474	2.3	1480	1472	12
1474	2.3	1480	1472	12
1475	2.5	1481	1472	12
1475	2.5	1481	1472	12
1475	2.4	1481	1472	12
1475	2.2	1481	1473	12
1473	3.2	1481	1468	12
1470	2.4	1474	1467	12
1471	2.1	1474	1468	12
1471	1.9	1475	1468	12
1471	1.8	1475	1468	12
1471	1.9	1475	1468	12
1471	1.8	1475	1468	12
1471	1.1	1473	1469	12
1472	.6	1473	1471	11
1473	.6	1474	1472	10
1474	.5	1474	1473	10
1475	.5	1475	1474	10
1476	.4	1476	1475	10
1477	.5	1477	1476	10
1478	.3	1478	1477	10
1480	.0	1480	1480	9
1484	.0	1484	1484	3
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

DELTA DH

PRESS	MEAN	S.D	MAX	MIN	N
0	11.462	.3776	12.133	10.880	10
10	11.221	.3683	11.881	10.660	10
20	10.981	.3584	11.628	10.443	10
30	10.741	.3495	11.376	10.225	10
50	10.260	.3315	10.872	9.791	10
75	9.656	.3100	10.243	9.247	10
100	9.082	.2781	9.614	8.726	10
125	8.609	.2422	9.060	8.304	10
150	8.230	.2236	8.631	7.958	10
175	7.892	.2148	8.278	7.632	10
200	7.569	.2073	7.943	7.318	10
225	7.255	.2000	7.616	7.013	10
350	6.948	.1921	7.295	6.717	10
300	6.356	.1753	6.672	6.139	10
400	5.244	.1425	5.496	5.060	10
500	4.217	.1125	4.405	4.065	10
600	3.261	.0817	3.383	3.148	10
700	2.371	.0556	2.446	2.294	10
800	1.536	.0359	1.587	1.482	10
900	.749	.0190	.776	.717	10
1000	.000	.0000	.000	.000	10
1200	-1.394	.0333	-1.336	-1.444	9
1500	-3.215	.0432	-3.165	-3.244	3
2000	n/a	n/a	n/a	n/a	0
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0
3500	n/a	n/a	n/a	n/a	0

STATION MP24 F E B R U A R Y 1956 to 1990

TEMPERATURE

PRESS	MEAN	S.D.	MAX	MIN	N
0	5.67	.677	6.95	4.50	8
10	5.64	.686	6.95	4.50	8
20	5.65	.688	6.96	4.50	8
30	5.65	.687	6.96	4.50	8
50	5.64	.691	6.96	4.50	8
75	5.61	.711	6.96	4.50	8
100	5.54	.746	6.96	4.50	8
125	5.24	.507	6.00	4.45	8
150	4.98	.560	6.07	4.21	8
175	4.89	.492	5.83	4.22	8
200	4.74	.435	5.53	4.09	8
225	4.53	.394	5.33	3.95	8
250	4.38	.323	5.00	3.86	8
300	4.19	.250	4.59	3.77	8
400	3.95	.181	4.25	3.66	8
500	3.78	.131	3.99	3.58	8
600	3.59	.102	3.79	3.46	8
700	3.40	.071	3.53	3.33	8
800	3.23	.063	3.33	3.13	8
900	3.08	.059	3.18	2.99	8
1000	2.93	.051	3.01	2.85	8
1200	2.68	.039	2.73	2.64	7
1500	2.36	.035	2.41	2.34	4
2000	n/a	n/a	n/a	n/a	0
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0
3500	n/a	n/a	n/a	n/a	0

SALINITY

MEAN	S.D.	MAX	MIN	N
32.659	.0589	32.745	32.600	8
32.657	.0551	32.734	32.600	8
32.656	.0533	32.730	32.600	8
32.656	.0533	32.730	32.600	8
32.657	.0528	32.730	32.600	8
32.696	.1404	33.021	32.600	8
32.753	.2866	33.452	32.610	8
33.066	.3438	33.784	32.707	8
33.520	.1748	33.809	33.231	8
33.715	.0834	33.825	33.590	8
33.785	.0596	33.870	33.694	8
33.815	.0473	33.880	33.746	8
33.839	.0373	33.890	33.783	8
33.885	.0147	33.898	33.856	8
33.991	.0254	34.026	33.947	8
34.089	.0193	34.113	34.057	8
34.171	.0202	34.198	34.139	8
34.235	.0175	34.259	34.208	8
34.287	.0162	34.312	34.269	8
34.329	.0139	34.348	34.311	8
34.368	.0118	34.380	34.343	8
34.432	.0139	34.444	34.405	7
34.504	.0113	34.517	34.490	4
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

SIGMA T

PRESS	MEAN	S.D.	MAX	MIN	N
0	25.766	.0949	25.853	25.585	8
10	25.768	.0967	25.859	25.585	8
20	25.767	.0958	25.854	25.584	8
30	25.766	.0960	25.854	25.583	8
50	25.768	.0971	25.862	25.583	8
75	25.803	.1481	26.071	25.583	8
100	25.856	.2689	26.473	25.591	8
125	26.139	.2747	26.721	25.850	8
150	26.527	.1421	26.765	26.270	8
175	26.691	.0629	26.801	26.583	8
200	26.764	.0488	26.846	26.672	8
225	26.811	.0386	26.876	26.747	8
250	26.846	.0302	26.894	26.791	8
300	26.903	.0288	26.938	26.858	8
400	27.012	.0298	27.045	26.960	8
500	27.107	.0271	27.139	27.061	8
600	27.191	.0244	27.221	27.146	8
700	27.261	.0206	27.284	27.226	8
800	27.318	.0169	27.337	27.294	8
900	27.365	.0138	27.380	27.345	8
1000	27.410	.0127	27.420	27.383	8
1200	27.483	.0138	27.496	27.457	7
1500	27.567	.0114	27.579	27.552	4
2000	n/a	n/a	n/a	n/a	0
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0
3500	n/a	n/a	n/a	n/a	0

SVA

MEAN	S.D.	MAX	MIN	N
223.8	9.07	241.1	215.5	8
223.7	9.23	241.2	215.0	8
224.0	9.15	241.4	215.6	8
224.1	9.15	241.6	215.8	8
224.1	9.28	241.8	215.1	8
221.0	14.15	242.2	195.6	8
216.3	25.59	241.7	157.7	8
189.7	26.64	217.1	134.5	8
153.0	13.49	177.4	130.5	8
137.8	6.81	148.1	127.3	8
131.0	4.73	139.9	123.1	8
126.7	3.78	132.8	120.4	8
123.6	3.00	128.9	118.9	8
118.5	2.85	122.9	114.9	8
108.8	2.94	114.0	105.7	8
100.5	2.69	105.2	97.3	8
93.2	2.44	97.7	90.2	8
87.1	2.00	90.5	84.9	8
82.2	1.55	84.5	80.3	8
78.1	1.42	80.1	76.7	8
74.2	1.28	76.9	73.1	8
67.9	1.37	70.4	66.5	7
60.5	1.16	62.1	59.4	4
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

THETA

PRESS	MEAN	S.D.	MAX	MIN	N
0	5.67	.677	6.95	4.50	8
10	5.64	.686	6.95	4.50	8
20	5.65	.685	6.95	4.50	8
30	5.65	.687	6.96	4.50	8
50	5.64	.691	6.96	4.50	8
75	5.60	.711	6.95	4.49	8
100	5.52	.746	6.95	4.49	8
125	5.23	.507	5.99	4.44	8
150	4.97	.560	6.06	4.20	8
175	4.88	.493	5.82	4.21	8
200	4.72	.432	5.51	4.08	8
225	4.51	.392	5.31	3.94	8
250	4.37	.321	4.98	3.85	8
300	4.17	.250	4.57	3.75	8
400	3.92	.178	4.22	3.64	8
500	3.74	.127	3.95	3.55	8
600	3.55	.104	3.75	3.41	8
700	3.35	.071	3.48	3.28	8
800	3.18	.060	3.27	3.08	8
900	3.02	.059	3.12	2.93	8
1000	2.86	.054	2.94	2.78	8
1200	2.60	.040	2.65	2.56	7
1500	2.25	.032	2.30	2.23	4
2000	n/a	n/a	n/a	n/a	0
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0
3500	n/a	n/a	n/a	n/a	0

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
223.8	9.07	241.1	215.5	8
223.6	9.20	241.0	214.9	8
223.7	9.11	241.1	215.4	8
223.7	9.11	241.1	215.4	8
223.5	9.21	241.1	214.6	8
220.2	14.04	241.1	194.8	8
215.2	25.53	240.3	156.6	8
188.3	26.07	215.8	133.1	8
151.4	13.50	175.8	128.8	8
135.8	5.95	146.1	125.4	8
128.9	4.60	137.6	121.2	8
124.4	3.65	130.3	118.3	8
121.1	2.88	126.3	116.5	8
115.6	2.68	119.9	112.4	8
105.2	2.81	110.2	102.1	8
96.2	2.55	100.6	93.2	8
88.2	2.34	92.5	85.3	8
81.5	1.92	84.8	79.4	8
76.1	1.59	78.3	74.2	8
71.6	1.32	73.4	70.1	8
67.3	1.17	69.8	66.3	8
60.3	1.30	62.7	59.0	7
52.1	1.06	53.5	51.0	4
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

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DELTA D

PRESS	MEAN	S.D.	MAX	MIN	N
0	.000	.0000	.000	.000	8
10	.226	.0074	.240	.220	8
20	.446	.0192	.480	.430	8
30	.672	.0266	.720	.650	8
50	1.123	.0459	1.210	1.080	8
75	1.683	.0690	1.810	1.620	8
100	2.224	.1130	2.420	2.060	8
125	2.745	.1696	2.960	2.420	8
150	3.167	.2018	3.380	2.750	8
175	3.528	.2224	3.750	3.070	8
200	3.863	.2289	4.090	3.390	8
225	4.184	.2383	4.420	3.690	8
250	4.497	.2453	4.740	3.990	8
300	5.101	.2542	5.360	4.580	8
400	6.238	.2787	6.540	5.680	8
500	7.281	.2996	7.630	6.700	8
600	8.250	.3178	8.650	7.670	8
700	9.153	.3314	9.580	8.560	8
800	9.998	.3459	10.450	9.390	8
900	10.799	.3582	11.270	10.180	8
1000	11.560	.3697	12.050	10.930	8
1200	13.066	.3097	13.460	12.610	7
1500	14.815	.2796	15.150	14.510	4
2000	n/a	n/a	n/a	n/a	0
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0
3500	n/a	n/a	n/a	n/a	0

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.00	.000	.00	.00	8
.01	.000	.01	.01	8
.04	.005	.05	.04	8
.11	.005	.11	.10	8
.29	.010	.31	.28	8
.64	.026	.69	.62	8
1.13	.067	1.23	1.01	8
1.72	.140	1.85	1.42	8
2.32	.198	2.46	1.88	8
2.91	.232	3.13	2.41	8
3.55	.252	3.81	3.01	8
4.25	.273	4.55	3.67	8
5.00	.291	5.34	4.39	8
6.70	.323	7.10	6.04	8
10.74	.410	11.29	9.96	8
15.53	.511	16.24	14.67	8
20.96	.617	21.81	20.09	8
26.93	.739	28.01	25.95	8
33.38	.864	34.66	32.28	8
40.32	.991	41.77	39.13	8
47.69	1.110	49.25	46.39	8
63.74	1.314	65.61	62.20	7
89.45	1.360	91.33	88.20	4
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

OXYGEN

PRESS	MEAN	S.D.	MAX	MIN	N
0	n/a	n/a	n/a	n/a	0
10	n/a	n/a	n/a	n/a	0
20	n/a	n/a	n/a	n/a	0
30	n/a	n/a	n/a	n/a	0
50	n/a	n/a	n/a	n/a	0
75	n/a	n/a	n/a	n/a	0
100	n/a	n/a	n/a	n/a	0
125	n/a	n/a	n/a	n/a	0
150	n/a	n/a	n/a	n/a	0
175	n/a	n/a	n/a	n/a	0
200	n/a	n/a	n/a	n/a	0
225	n/a	n/a	n/a	n/a	0
250	n/a	n/a	n/a	n/a	0
300	n/a	n/a	n/a	n/a	0
400	n/a	n/a	n/a	n/a	0
500	n/a	n/a	n/a	n/a	0
600	n/a	n/a	n/a	n/a	0
700	n/a	n/a	n/a	n/a	0
800	n/a	n/a	n/a	n/a	0
900	n/a	n/a	n/a	n/a	0
1000	n/a	n/a	n/a	n/a	0
1200	n/a	n/a	n/a	n/a	0
1500	n/a	n/a	n/a	n/a	0
2000	n/a	n/a	n/a	n/a	0
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0
3500	n/a	n/a	n/a	n/a	0

SOUND

MEAN	S.D.	MAX	MIN	N
1471	2.8	1476	1466	8
1471	2.8	1476	1466	8
1471	2.7	1476	1466	8
1471	2.7	1476	1466	8
1471	2.9	1477	1467	8
1472	2.8	1477	1467	8
1472	2.9	1477	1467	8
1471	2.1	1475	1468	8
1471	2.4	1476	1468	8
1472	2.1	1476	1469	8
1472	1.8	1475	1469	8
1471	1.8	1475	1469	8
1471	1.4	1474	1469	8
1471	1.2	1473	1469	8
1472	.6	1473	1471	8
1473	.6	1474	1472	8
1474	.6	1475	1473	8
1475	.5	1475	1474	8
1476	.4	1476	1475	8
1477	.4	1477	1476	8
1478	.4	1478	1477	8
1480	.0	1480	1480	7
1484	.0	1484	1484	4
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

DELTA DH

PRESS	MEAN	S.D.	MAX	MIN	N
0	11.560	.3710	12.048	10.927	8
10	11.336	.3650	11.806	10.710	8
20	11.111	.3592	11.565	10.493	8
30	10.886	.3539	11.324	10.275	8
50	10.436	.3434	10.840	9.839	8
75	9.877	.3280	10.293	9.303	8
100	9.335	.2883	9.749	8.863	8
125	8.815	.2399	9.205	8.507	8
150	8.392	.1959	8.681	8.177	8
175	8.032	.1789	8.299	7.854	8
200	7.698	.1683	7.957	7.539	8
225	7.375	.1602	7.627	7.219	8
250	7.063	.1528	7.305	6.909	8
300	6.458	.1406	6.684	6.311	8
400	5.323	.1145	5.505	5.193	8
500	4.278	.0904	4.416	4.173	8
600	3.308	.0661	3.401	3.235	8
700	2.408	.0459	2.470	2.361	8
800	1.563	.0289	1.609	1.535	8
900	.761	.0133	.785	.750	8
1000	.000	.0000	.000	.000	8
1200	-1.416	.0282	-1.393	-1.471	7
1500	-3.321	.0504	-3.286	-3.396	4
2000	n/a	n/a	n/a	n/a	0
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0
3500	n/a	n/a	n/a	n/a	0

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TEMPERATURE

PRESS	MEAN	S.D.	MAX	MIN	N
0	5.79	.585	6.80	4.70	15
10	5.82	.505	6.67	5.05	15
20	5.81	.507	6.67	5.05	15
30	5.80	.505	6.67	5.05	15
50	5.76	.486	6.58	5.06	15
75	5.71	.450	6.45	5.06	15
100	5.56	.334	6.18	5.05	15
125	5.31	.320	6.10	4.98	15
150	5.19	.462	6.22	4.68	15
175	4.99	.455	6.00	4.52	15
200	4.77	.455	5.78	4.32	15
225	4.61	.451	5.58	4.18	15
250	4.45	.392	5.32	3.96	15
300	4.21	.289	4.63	3.78	15
400	3.99	.179	4.38	3.75	15
500	3.80	.084	3.99	3.65	14
600	3.61	.076	3.81	3.48	14
700	3.42	.072	3.57	3.31	14
800	3.24	.052	3.33	3.15	14
900	3.08	.049	3.18	3.00	14
1000	2.93	.035	2.98	2.87	14
1200	2.66	.032	2.71	2.61	13
1500	2.36	.029	2.40	2.33	5
2000	1.94	n/a	n/a	n/a	1
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0
3500	n/a	n/a	n/a	n/a	0

SALINITY

MEAN	S.D.	MAX	MIN	N
32.645	.0654	32.760	32.540	15
32.642	.0652	32.754	32.540	15
32.645	.0672	32.760	32.540	15
32.646	.0670	32.760	32.540	15
32.650	.0690	32.770	32.530	15
32.661	.0837	32.860	32.540	15
32.832	.2877	33.520	32.576	15
33.344	.3336	33.744	32.722	15
33.680	.1688	33.820	33.192	15
33.778	.0838	33.890	33.602	15
33.816	.0585	33.910	33.663	15
33.842	.0468	33.910	33.715	15
33.864	.0382	33.930	33.761	15
33.912	.0252	33.936	33.831	15
34.021	.0292	34.072	33.977	15
34.112	.0270	34.158	34.065	14
34.188	.0226	34.224	34.147	14
34.251	.0208	34.285	34.219	14
34.301	.0142	34.328	34.283	14
34.344	.0176	34.369	34.316	14
34.381	.0148	34.404	34.355	14
34.442	.0174	34.468	34.410	13
34.513	.0195	34.527	34.479	5
34.601	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

SIGMA T

PRESS	MEAN	S.D.	MAX	MIN	N
0	25.741	.1032	25.885	25.571	15
10	25.736	.0966	25.838	25.574	15
20	25.739	.0971	25.836	25.574	15
30	25.743	.0955	25.835	25.574	15
50	25.749	.0925	25.849	25.564	15
75	25.765	.0978	25.941	25.579	15
100	25.918	.2400	26.492	25.685	15
125	26.351	.2611	26.690	25.860	15
150	26.629	.1194	26.745	26.303	15
175	26.730	.0620	26.803	26.600	15
200	26.785	.0432	26.841	26.701	15
225	26.823	.0379	26.871	26.766	15
250	26.858	.0309	26.903	26.797	15
300	26.922	.0278	26.957	26.861	15
400	27.031	.0343	27.090	26.958	15
500	27.123	.0286	27.174	27.071	14
600	27.203	.0236	27.242	27.159	14
700	27.271	.0209	27.308	27.231	14
800	27.327	.0142	27.358	27.306	14
900	27.377	.0164	27.404	27.346	14
1000	27.421	.0134	27.444	27.398	14
1200	27.492	.0147	27.514	27.467	13
1500	27.575	.0175	27.585	27.544	5
2000	27.679	n/a	n/a	n/a	1
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0
3500	n/a	n/a	n/a	n/a	0

SVA

MEAN	S.D.	MAX	MIN	N
226.1	9.81	242.3	212.5	15
226.7	9.18	242.2	217.1	15
226.6	9.24	242.3	217.4	15
226.4	9.09	242.4	217.6	15
225.9	8.85	243.7	216.4	15
224.8	9.34	242.5	208.0	15
210.4	22.77	232.6	156.0	15
169.6	24.73	216.1	137.4	15
143.5	11.30	174.2	132.4	15
134.1	5.95	146.4	127.0	15
129.1	4.20	136.8	123.5	15
125.6	3.76	131.5	120.9	15
122.4	3.06	128.7	118.1	15
116.8	2.80	123.0	113.3	15
107.1	3.35	114.3	101.4	15
99.0	2.79	104.2	94.1	14
92.1	2.32	96.5	88.2	14
86.2	2.08	90.2	82.5	14
81.3	1.42	83.4	78.2	14
77.0	1.63	80.1	74.2	14
73.2	1.30	75.4	70.9	14
66.9	1.40	69.5	65.0	13
59.9	1.67	62.9	59.0	5
50.7	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

THETA

PRESS	MEAN	S.D.	MAX	MIN	N
0	5.79	.585	6.80	4.70	15
10	5.82	.505	6.67	5.05	15
20	5.81	.506	6.67	5.05	15
30	5.80	.505	6.66	5.05	15
50	5.76	.487	6.58	5.05	15
75	5.70	.451	6.44	5.05	15
100	5.55	.334	6.17	5.04	15
125	5.30	.320	6.09	4.97	15
150	5.18	.464	6.21	4.66	15
175	4.97	.454	5.98	4.51	15
200	4.76	.453	5.76	4.31	15
225	4.59	.450	5.56	4.17	15
250	4.43	.391	5.30	3.94	15
300	4.19	.289	4.81	3.76	15
400	3.96	.179	4.35	3.72	15
500	3.76	.083	3.95	3.62	14
600	3.57	.077	3.77	3.44	14
700	3.37	.072	3.52	3.26	14
800	3.19	.051	3.27	3.09	14
900	3.02	.049	3.11	2.93	14
1000	2.86	.035	2.91	2.80	14
1200	2.58	.032	2.63	2.53	13
1500	2.26	.030	2.30	2.23	5
2000	1.80	n/a	n/a	n/a	1
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0
3500	n/a	n/a	n/a	n/a	0

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
226.1	9.81	242.3	212.5	15
226.6	9.18	242.1	217.0	15
226.4	9.21	242.0	217.2	15
226.0	9.07	242.0	217.3	15
225.4	8.80	243.0	215.9	15
223.9	9.29	241.5	207.1	15
209.3	22.80	231.4	154.8	15
168.1	24.78	214.7	136.0	15
141.7	11.33	172.7	130.7	15
132.1	5.89	144.5	125.2	15
127.0	4.09	134.9	121.6	15
123.2	3.59	128.6	118.7	15
119.9	2.91	125.7	115.7	15
113.9	2.63	119.6	110.5	15
103.4	3.23	110.3	97.9	15
94.6	2.72	99.6	89.8	14
87.1	2.26	91.2	83.3	14
80.5	1.99	84.3	77.1	14
75.1	1.36	77.1	72.2	14
70.5	1.57	73.4	67.8	14
66.2	1.28	68.4	64.0	14
59.3	1.40	61.8	57.3	13
51.4	1.61	54.3	50.5	5
41.3	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

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DELTA D

PRESS	MEAN	S.D.	MAX	MIN	N
0	.000	.0000	.000	.000	15
10	.227	.0088	.240	.220	15
20	.453	.0184	.480	.430	15
30	.681	.0287	.730	.650	15
50	1.132	.0444	1.210	1.090	15
75	1.697	.0669	1.820	1.620	15
100	2.247	.0987	2.420	2.070	15
125	2.722	.1334	2.890	2.430	15
150	3.109	.1624	3.360	2.770	15
175	3.453	.1758	3.760	3.100	15
200	3.782	.1833	4.100	3.410	15
225	4.099	.1932	4.430	3.720	15
250	4.409	.1983	4.740	4.020	15
300	5.008	.2063	5.340	4.610	15
400	6.125	.2294	6.460	5.700	15
500	7.142	.2509	7.480	6.730	14
600	8.096	.2671	8.430	7.690	14
700	8.987	.2786	9.360	8.560	14
800	9.825	.2891	10.230	9.380	14
900	10.614	.2960	11.030	10.160	14
1000	11.365	.3041	11.800	10.900	14
1200	12.752	.3236	13.220	12.270	13
1500	14.512	.4357	15.000	14.150	5
2000	17.730	n/a	n/a	n/a	1
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0
3500	n/a	n/a	n/a	n/a	0

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.00	.000	.00	.00	15
.01	.000	.01	.01	15
.05	.005	.05	.04	15
.10	.005	.11	.10	15
.29	.011	.31	.28	15
.65	.026	.70	.62	15
1.14	.054	1.23	1.02	15
1.68	.106	1.80	1.43	15
2.22	.155	2.46	1.90	15
2.79	.179	3.12	2.44	15
3.42	.199	3.78	3.04	15
4.11	.215	4.48	3.71	15
4.86	.232	5.25	4.44	15
6.54	.257	6.93	6.09	15
10.52	.350	10.97	9.99	15
15.21	.463	15.94	14.55	14
20.55	.581	21.55	19.67	14
26.45	.706	27.71	25.32	14
32.84	.828	34.35	31.44	14
39.69	.911	41.31	38.05	14
46.96	1.009	48.73	45.09	14
62.57	1.274	64.65	60.30	13
88.09	2.171	91.46	85.82	5
137.70	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

OXYGEN

PRESS	MEAN	S.D.	MAX	MIN	N
0	7.28	n/a	n/a	n/a	1
10	7.30	n/a	n/a	n/a	1
20	7.23	n/a	n/a	n/a	1
30	7.26	n/a	n/a	n/a	1
50	7.24	n/a	n/a	n/a	1
75	7.22	n/a	n/a	n/a	1
100	7.18	n/a	n/a	n/a	1
125	5.23	n/a	n/a	n/a	1
150	3.66	n/a	n/a	n/a	1
175	3.22	n/a	n/a	n/a	1
200	2.99	n/a	n/a	n/a	1
225	2.70	n/a	n/a	n/a	1
250	2.37	n/a	n/a	n/a	1
300	1.76	n/a	n/a	n/a	1
400	1.13	n/a	n/a	n/a	1
500	.83	n/a	n/a	n/a	1
600	.65	n/a	n/a	n/a	1
700	.61	n/a	n/a	n/a	1
800	.53	n/a	n/a	n/a	1
900	.43	n/a	n/a	n/a	1
1000	.47	n/a	n/a	n/a	1
1200	n/a	n/a	n/a	n/a	0
1500	n/a	n/a	n/a	n/a	0
2000	n/a	n/a	n/a	n/a	0
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0
3500	n/a	n/a	n/a	n/a	0

SOUND

MEAN	S.D.	MAX	MIN	N
1471	2.3	1475	1467	15
1471	2.1	1475	1468	15
1472	2.1	1475	1468	15
1472	1.9	1475	1469	15
1472	2.0	1475	1469	15
1472	1.9	1475	1469	15
1472	1.3	1474	1470	15
1472	1.6	1476	1470	15
1472	2.0	1477	1470	15
1472	1.8	1476	1470	15
1472	2.0	1476	1470	15
1472	2.0	1476	1470	15
1471	1.8	1475	1469	15
1471	1.3	1474	1469	15
1472	.9	1474	1471	15
1473	.5	1474	1472	14
1474	.4	1475	1473	14
1475	.3	1475	1474	14
1476	.3	1476	1475	14
1477	.3	1477	1476	14
1478	.0	1478	1478	14
1480	.0	1480	1480	13
1484	.0	1484	1484	5
1491	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

DELTA DH

PRESS	MEAN	S.D.	MAX	MIN	N
0	11.365	.3037	11.801	10.897	14
10	11.138	.2974	11.567	10.677	14
20	10.911	.2911	11.333	10.457	14
30	10.684	.2843	11.098	10.242	14
50	10.231	.2726	10.629	9.809	14
75	9.666	.2594	10.045	9.268	14
100	9.115	.2391	9.467	8.736	14
125	8.645	.2125	9.003	8.276	14
150	8.263	.1928	8.614	7.926	14
175	7.920	.1820	8.260	7.601	14
200	7.594	.1732	7.922	7.288	14
225	7.276	.1657	7.590	6.982	14
250	6.967	.1587	7.267	6.682	14
300	6.369	.1461	6.645	6.098	14
400	5.252	.1151	5.456	5.034	14
500	4.223	.0860	4.371	4.058	14
600	3.268	.0631	3.370	3.145	14
700	2.378	.0436	2.439	2.291	14
800	1.542	.0285	1.590	1.490	14
900	.751	.0147	.774	.727	14
1000	.000	.0000	.000	.000	14
1200	-1.395	.0265	-1.357	-1.446	13
1500	-3.289	.0831	-3.215	-3.431	5
2000	-6.033	n/a	n/a	n/a	1
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0
3500	n/a	n/a	n/a	n/a	0

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TEMPERATURE

PRESS	MEAN	S.D.	MAX	MIN	N
0	5.76	.587	6.80	4.92	13
10	5.74	.587	6.82	4.91	13
20	5.71	.584	6.81	4.85	13
30	5.64	.608	6.80	4.82	13
50	5.58	.634	6.73	4.77	13
75	5.45	.631	6.46	4.58	13
100	5.18	.576	6.13	4.34	13
125	4.93	.461	5.81	4.28	13
150	4.88	.397	5.60	4.22	13
175	4.74	.430	5.45	4.08	13
200	4.56	.394	5.10	3.98	13
225	4.36	.348	4.84	3.84	13
250	4.21	.312	4.61	3.68	13
300	4.03	.239	4.40	3.60	13
400	3.87	.158	4.14	3.63	13
500	3.74	.104	3.90	3.57	10
600	3.58	.085	3.73	3.47	10
700	3.40	.074	3.55	3.31	10
800	3.23	.059	3.33	3.15	10
900	3.07	.051	3.15	3.01	10
1000	2.92	.044	2.99	2.86	10
1200	2.66	.034	2.71	2.61	10
1500	2.34	.024	2.39	2.31	9
2000	1.97	n/a	n/a	n/a	1
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0
3500	n/a	n/a	n/a	n/a	0

SALINITY

MEAN	S.D.	MAX	MIN	N
32.637	.0912	32.787	32.493	13
32.642	.0840	32.788	32.538	13
32.641	.0851	32.790	32.538	13
32.643	.0851	32.801	32.536	13
32.647	.0884	32.820	32.535	13
32.654	.0888	32.820	32.536	13
32.699	.1052	32.911	32.546	13
33.012	.2085	33.291	32.679	13
33.507	.1688	33.748	33.195	13
33.686	.0890	33.824	33.535	13
33.762	.0567	33.850	33.678	13
33.792	.0442	33.862	33.713	13
33.825	.0389	33.876	33.744	13
33.886	.0345	33.925	33.814	13
34.004	.0223	34.036	33.961	13
34.102	.0195	34.123	34.060	10
34.176	.0209	34.205	34.138	10
34.243	.0216	34.278	34.208	10
34.298	.0187	34.336	34.276	10
34.342	.0166	34.363	34.315	10
34.378	.0150	34.398	34.358	10
34.440	.0132	34.456	34.419	10
34.507	.0110	34.526	34.487	9
34.584	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

SIGMA T

PRESS	MEAN	S.D.	MAX	MIN	N
0	25.739	.1286	25.922	25.497	13
10	25.745	.1204	25.931	25.562	13
20	25.747	.1179	25.933	25.574	13
30	25.758	.1216	25.954	25.582	13
50	25.768	.1274	25.974	25.586	13
75	25.789	.1273	25.981	25.588	13
100	25.856	.1266	26.044	25.625	13
125	26.131	.1627	26.339	25.853	13
150	26.529	.1205	26.707	26.297	13
175	26.686	.0510	26.768	26.578	13
200	26.765	.0257	26.809	26.722	13
225	26.811	.0243	26.844	26.781	13
250	26.853	.0257	26.902	26.823	13
300	26.920	.0222	26.959	26.892	13
400	27.031	.0249	27.078	26.989	13
500	27.121	.0246	27.151	27.072	10
600	27.197	.0238	27.230	27.151	10
700	27.267	.0227	27.302	27.224	10
800	27.326	.0187	27.364	27.299	10
900	27.375	.0156	27.398	27.351	10
1000	27.418	.0138	27.438	27.397	10
1200	27.491	.0125	27.506	27.471	10
1500	27.571	.0102	27.587	27.551	9
2000	27.663	n/a	n/a	n/a	1
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0
3500	n/a	n/a	n/a	n/a	0

SVA

MEAN	S.D.	MAX	MIN	N
226.4	12.22	249.4	209.0	13
225.9	11.47	243.3	208.2	13
225.8	11.23	242.3	208.1	13
224.9	11.58	241.7	206.3	13
224.1	12.16	241.5	204.5	13
222.4	12.16	241.6	204.1	13
216.2	12.10	238.3	198.3	13
190.3	15.42	216.9	170.6	13
152.9	11.38	174.7	136.0	13
138.2	4.82	148.3	130.4	13
130.8	2.48	135.1	126.6	13
126.6	2.36	129.7	123.5	13
122.8	2.51	125.9	118.0	13
116.8	2.16	119.7	112.9	13
107.0	2.47	111.2	102.4	13
99.2	2.45	104.0	96.2	10
92.7	2.35	97.2	89.4	10
86.6	2.21	90.8	83.1	10
81.3	1.83	84.1	77.7	10
77.1	1.55	79.4	74.8	10
73.4	1.36	75.5	71.5	10
67.0	1.21	69.1	65.7	10
60.1	.98	62.1	58.6	9
52.2	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

THETA

PRESS	MEAN	S.D.	MAX	MIN	N
0	5.76	.587	6.80	4.92	13
10	5.74	.586	6.82	4.91	13
20	5.71	.584	6.81	4.85	13
30	5.64	.606	6.79	4.82	13
50	5.57	.635	6.73	4.77	13
75	5.44	.632	6.45	4.57	13
100	5.17	.574	6.12	4.34	13
125	4.92	.461	5.80	4.27	13
150	4.87	.396	5.59	4.21	13
175	4.72	.430	5.43	4.07	13
200	4.55	.393	5.09	3.96	13
225	4.34	.348	4.82	3.82	13
250	4.19	.311	4.58	3.66	13
300	4.01	.239	4.38	3.58	13
400	3.84	.159	4.11	3.60	13
500	3.70	.101	3.86	3.54	10
600	3.53	.086	3.69	3.43	10
700	3.35	.077	3.51	3.26	10
800	3.18	.059	3.28	3.10	10
900	3.01	.050	3.09	2.95	10
1000	2.85	.044	2.92	2.79	10
1200	2.57	.034	2.63	2.53	10
1500	2.24	.023	2.29	2.21	9
2000	1.83	n/a	n/a	n/a	1
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0
3500	n/a	n/a	n/a	n/a	0

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
226.4	12.22	249.4	209.0	13
225.8	11.45	243.2	208.1	13
225.6	11.21	242.0	207.9	13
224.6	11.55	241.3	206.0	13
223.6	12.13	240.9	204.0	13
221.6	12.08	240.6	203.3	13
215.2	12.02	237.1	197.3	13
189.0	15.45	215.4	169.3	13
151.3	11.45	173.3	134.3	13
136.3	4.84	146.6	128.6	13
128.8	2.41	132.8	124.6	13
124.4	2.28	127.3	121.3	13
120.5	2.45	123.3	115.8	13
114.1	2.09	116.7	110.4	13
103.5	2.39	107.5	99.0	13
94.8	2.34	99.5	92.0	10
87.6	2.25	92.0	84.5	10
81.0	2.11	85.0	77.7	10
75.2	1.76	77.8	71.7	10
70.6	1.50	72.9	68.4	10
66.5	1.31	68.4	64.6	10
59.4	1.16	61.4	58.1	10
51.8	.95	53.6	50.2	9
42.8	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

STATION MP24 A P R I L 1956 to 1990

DELTA D

PRESS	MEAN	S.D.	MAX	MIN	N
0	.000	.0000	.000	.000	13
10	.226	.0126	.250	.210	13
20	.453	.0225	.490	.420	13
30	.678	.0341	.730	.620	13
50	1.127	.0581	1.210	1.030	13
75	1.688	.0881	1.820	1.540	13
100	2.235	.1156	2.410	2.050	13
125	2.751	.1274	2.960	2.560	13
150	3.175	.1367	3.370	2.940	13
175	3.538	.1430	3.750	3.280	13
200	3.872	.1475	4.090	3.600	13
225	4.195	.1494	4.410	3.910	13
250	4.505	.1529	4.730	4.210	13
300	5.105	.1578	5.350	4.810	13
400	6.222	.1723	6.500	5.910	13
500	7.240	.2091	7.570	6.920	10
600	8.201	.2273	8.580	7.850	10
700	9.095	.2404	9.510	8.730	10
800	9.933	.2541	10.380	9.550	10
900	10.725	.2629	11.190	10.330	10
1000	11.477	.2716	11.970	11.070	10
1200	12.878	.2870	13.400	12.450	10
1500	14.721	.2460	15.060	14.340	9
2000	17.640	n/a	n/a	n/a	1
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0
3500	n/a	n/a	n/a	n/a	0

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.00	.000	.00	.00	13
.01	.000	.01	.01	13
.05	.004	.05	.04	13
.11	.005	.11	.10	13
.29	.015	.31	.26	13
.64	.034	.69	.59	13
1.13	.058	1.22	1.04	13
1.72	.078	1.87	1.62	13
2.32	.102	2.50	2.15	13
2.92	.126	3.13	2.71	13
3.56	.136	3.78	3.32	13
4.25	.144	4.48	3.99	13
5.01	.153	5.25	4.73	13
6.69	.174	6.97	6.40	13
10.67	.236	11.07	10.33	13
15.36	.352	16.00	14.93	10
20.73	.469	21.61	20.15	10
26.66	.601	27.82	25.85	10
33.06	.731	34.47	31.99	10
39.92	.850	41.49	38.60	10
47.20	.978	48.98	45.69	10
62.89	1.224	65.02	61.04	10
88.77	1.364	91.11	86.63	9
139.38	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

OXYGEN

PRESS	MEAN	S.D.	MAX	MIN	N
0	n/a	n/a	n/a	n/a	0
10	n/a	n/a	n/a	n/a	0
20	n/a	n/a	n/a	n/a	0
30	n/a	n/a	n/a	n/a	0
50	n/a	n/a	n/a	n/a	0
75	n/a	n/a	n/a	n/a	0
100	n/a	n/a	n/a	n/a	0
125	n/a	n/a	n/a	n/a	0
150	n/a	n/a	n/a	n/a	0
175	n/a	n/a	n/a	n/a	0
200	n/a	n/a	n/a	n/a	0
225	n/a	n/a	n/a	n/a	0
250	n/a	n/a	n/a	n/a	0
300	n/a	n/a	n/a	n/a	0
400	n/a	n/a	n/a	n/a	0
500	n/a	n/a	n/a	n/a	0
600	n/a	n/a	n/a	n/a	0
700	n/a	n/a	n/a	n/a	0
800	n/a	n/a	n/a	n/a	0
900	n/a	n/a	n/a	n/a	0
1000	n/a	n/a	n/a	n/a	0
1200	n/a	n/a	n/a	n/a	0
1500	n/a	n/a	n/a	n/a	0
2000	n/a	n/a	n/a	n/a	0
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0
3500	n/a	n/a	n/a	n/a	0

SOUND

MEAN	S.D.	MAX	MIN	N
1471	2.4	1475	1467	13
1471	2.3	1475	1468	13
1471	2.3	1475	1467	13
1471	2.4	1476	1468	13
1471	2.5	1476	1468	13
1471	2.7	1475	1467	13
1470	2.3	1474	1467	13
1470	2.0	1473	1467	13
1471	1.9	1474	1468	13
1471	2.0	1474	1468	13
1471	1.7	1473	1468	13
1470	1.5	1472	1468	13
1470	1.2	1472	1468	13
1470	1.1	1472	1468	13
1472	.8	1473	1470	13
1473	.4	1473	1472	10
1474	.4	1474	1473	10
1475	.4	1475	1474	10
1476	.4	1476	1475	10
1477	.0	1477	1477	10
1478	.0	1478	1478	10
1480	.0	1480	1480	10
1484	.0	1484	1484	9
1491	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

DELTA DH

PRESS	MEAN	S.D.	MAX	MIN	N
0	11.478	.2723	11.968	11.070	10
10	11.250	.2633	11.736	10.861	10
20	11.024	.2548	11.504	10.653	10
30	10.797	.2461	11.271	10.446	10
50	10.348	.2306	10.806	10.036	10
75	9.786	.2126	10.225	9.525	10
100	9.237	.1963	9.642	9.003	10
125	8.721	.1861	9.067	8.481	10
150	8.305	.1704	8.596	8.050	10
175	7.948	.1635	8.218	7.685	10
200	7.614	.1596	7.878	7.348	10
225	7.293	.1560	7.554	7.030	10
250	6.982	.1509	7.236	6.728	10
300	6.383	.1391	6.622	6.154	10
400	5.265	.1147	5.470	5.081	10
500	4.236	.0917	4.394	4.092	10
600	3.277	.0709	3.392	3.160	10
700	2.383	.0495	2.455	2.300	10
800	1.544	.0309	1.587	1.496	10
900	.753	.0150	.774	.732	10
1000	.000	.0000	.000	.000	10
1200	-1.399	.0248	-1.365	-1.440	10
1500	-3.297	.0511	-3.231	-3.400	9
2000	-6.132	n/a	n/a	n/a	1
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0
3500	n/a	n/a	n/a	n/a	0

STATION MP24 M A Y 1956 to 1990

TEMPERATURE

PRESS	MEAN	S.D.	MAX	MIN	N
0	6.92	.695	9.18	5.56	30
10	6.78	.653	8.76	5.55	30
20	6.64	.613	7.69	5.55	30
30	6.54	.598	7.51	5.49	30
50	6.18	.583	7.12	5.07	30
75	5.77	.531	6.77	4.97	30
100	5.39	.447	6.66	4.64	30
125	5.03	.362	6.04	4.22	30
150	4.93	.316	5.47	4.34	30
175	4.84	.327	5.48	4.19	30
200	4.66	.350	5.35	4.01	30
225	4.48	.339	5.14	3.86	30
250	4.31	.317	4.96	3.73	30
300	4.11	.248	4.55	3.69	30
400	3.91	.171	4.20	3.55	30
500	3.78	.097	3.96	3.58	25
600	3.61	.085	3.80	3.46	25
700	3.42	.076	3.63	3.27	25
800	3.24	.061	3.44	3.12	25
900	3.07	.057	3.27	2.98	25
1000	2.92	.054	3.10	2.82	25
1200	2.64	.039	2.70	2.54	23
1500	2.33	.026	2.37	2.30	14
2000	1.94	.028	1.96	1.92	2
2500	1.77	n/a	n/a	n/a	1
3000	1.59	n/a	n/a	n/a	1
3500	1.51	n/a	n/a	n/a	1

SALINITY

MEAN	S.D.	MAX	MIN	N
32.647	.0842	32.867	32.510	30
32.644	.0762	32.811	32.510	30
32.638	.0854	32.816	32.441	30
32.647	.0736	32.819	32.514	30
32.653	.0731	32.809	32.520	30
32.669	.0774	32.851	32.540	30
32.767	.1856	33.330	32.592	30
33.146	.2246	33.701	32.655	30
33.542	.2209	33.808	33.048	30
33.714	.1091	33.823	33.417	30
33.785	.0612	33.860	33.625	30
33.818	.0502	33.883	33.671	30
33.847	.0471	33.915	33.711	30
33.901	.0434	34.010	33.776	30
34.016	.0371	34.129	33.934	30
34.106	.0225	34.157	34.070	25
34.184	.0192	34.218	34.146	25
34.246	.0173	34.277	34.218	25
34.297	.0167	34.327	34.264	25
34.343	.0163	34.367	34.313	25
34.380	.0149	34.400	34.353	25
34.439	.0132	34.457	34.406	23
34.507	.0125	34.526	34.480	14
34.584	.0118	34.590	34.578	2
34.620	n/a	n/a	n/a	1
34.653	n/a	n/a	n/a	1
34.674	n/a	n/a	n/a	1

SIGMA T

PRESS	MEAN	S.D.	MAX	MIN	N
0	25.600	.1280	25.777	25.247	30
10	25.616	.1261	25.791	25.308	30
20	25.629	.1266	25.828	25.409	30
30	25.650	.1163	25.850	25.437	30
50	25.700	.1085	25.863	25.494	30
75	25.764	.1014	25.928	25.542	30
100	25.886	.1604	26.311	25.622	30
125	26.226	.2468	26.640	25.896	30
150	26.551	.1581	26.743	26.179	30
175	26.697	.0825	26.798	26.460	30
200	26.773	.0440	26.847	26.656	30
225	26.819	.0382	26.882	26.734	30
250	26.860	.0383	26.960	26.789	30
300	26.925	.0384	27.053	26.865	30
400	27.035	.0359	27.146	26.969	30
500	27.120	.0231	27.170	27.079	25
600	27.200	.0192	27.234	27.165	25
700	27.267	.0171	27.300	27.237	25
800	27.325	.0154	27.352	27.296	25
900	27.377	.0137	27.398	27.348	25
1000	27.420	.0125	27.437	27.395	25
1200	27.492	.0125	27.508	27.466	23
1500	27.572	.0100	27.586	27.552	14
2000	27.666	.0099	27.672	27.659	2
2500	27.707	n/a	n/a	n/a	1
3000	27.747	n/a	n/a	n/a	1
3500	27.770	n/a	n/a	n/a	1

SVA

MEAN	S.D.	MAX	MIN	N
239.6	12.17	273.2	222.7	30
238.2	11.99	267.5	221.6	30
237.1	12.05	258.0	218.2	30
235.2	11.09	255.5	216.2	30
230.7	10.37	250.3	215.1	30
224.8	9.70	246.1	209.2	30
213.4	15.26	238.7	173.1	30
181.3	23.36	212.6	142.2	30
150.7	14.93	185.9	132.6	30
137.1	7.82	159.6	127.5	30
130.1	4.21	141.1	123.0	30
126.0	3.70	133.8	119.9	30
122.2	3.69	129.3	112.5	30
116.4	3.70	122.3	104.0	30
106.7	3.47	115.2	96.0	30
99.3	2.25	103.4	94.5	25
92.4	1.89	95.8	89.0	25
86.6	1.67	89.5	83.3	25
81.5	1.51	84.4	78.9	25
77.0	1.33	79.8	74.9	25
73.2	1.24	75.7	71.6	25
66.9	1.19	69.2	65.3	23
60.0	.93	61.8	58.7	14
51.9	.99	52.6	51.2	2
49.0	n/a	n/a	n/a	1
45.7	n/a	n/a	n/a	1
44.5	n/a	n/a	n/a	1

THETA

PRESS	MEAN	S.D.	MAX	MIN	N
0	6.92	.695	9.18	5.56	30
10	6.78	.654	8.76	5.55	30
20	6.64	.613	7.69	5.55	30
30	6.53	.597	7.51	5.49	30
50	6.18	.582	7.12	5.07	30
75	5.76	.531	6.76	4.97	30
100	5.38	.448	6.66	4.63	30
125	5.02	.362	6.03	4.21	30
150	4.91	.316	5.46	4.33	30
175	4.83	.327	5.47	4.18	30
200	4.64	.350	5.33	3.99	30
225	4.46	.339	5.12	3.84	30
250	4.29	.315	4.94	3.71	30
300	4.09	.248	4.53	3.67	30
400	3.89	.170	4.17	3.52	30
500	3.74	.095	3.92	3.55	25
600	3.57	.085	3.76	3.42	25
700	3.37	.076	3.58	3.22	25
800	3.19	.058	3.38	3.07	25
900	3.01	.057	3.21	2.92	25
1000	2.85	.054	3.03	2.75	25
1200	2.56	.040	2.62	2.46	23
1500	2.23	.027	2.27	2.19	14
2000	1.80	.028	1.82	1.78	2
2500	1.59	n/a	n/a	n/a	1
3000	1.37	n/a	n/a	n/a	1
3500	1.24	n/a	n/a	n/a	1

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
239.6	12.17	273.2	222.7	30
238.1	11.98	267.3	221.4	30
236.8	12.03	257.7	217.9	30
234.8	11.06	255.1	215.8	30
230.0	10.31	249.6	214.6	30
224.0	9.63	245.1	208.4	30
212.3	15.25	237.4	171.9	30
180.0	23.44	211.4	140.7	30
149.1	15.01	184.4	130.9	30
135.2	7.83	157.8	125.7	30
128.0	4.17	139.1	121.0	30
123.7	3.63	131.8	117.7	30
119.8	3.61	126.5	110.4	30
113.6	3.63	119.3	101.4	30
103.1	3.40	109.4	92.5	30
94.9	2.18	98.9	90.2	25
87.4	1.82	90.7	84.1	25
80.9	1.61	83.8	77.8	25
75.4	1.46	78.1	72.8	25
70.5	1.29	73.1	68.4	25
66.3	1.21	68.7	64.7	25
59.4	1.15	61.8	57.9	23
51.7	.94	53.6	50.4	14
42.6	.78	43.2	42.1	2
38.4	n/a	n/a	n/a	1
34.4	n/a	n/a	n/a	1
31.9	n/a	n/a	n/a	1

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DELTA D

PRESS	MEAN	S.D.	MAX	MIN	N
0	.000	.0000	.000	.000	30
10	.240	.0123	.270	.220	30
20	.478	.0246	.530	.440	30
30	.714	.0345	.780	.670	30
50	1.180	.0541	1.270	1.100	30
75	1.751	.0745	1.880	1.640	30
100	2.298	.0961	2.440	2.140	30
125	2.795	.1273	3.020	2.580	30
150	3.207	.1598	3.470	2.940	30
175	3.564	.1793	3.870	3.270	30
200	3.897	.1889	4.220	3.590	30
225	4.217	.1946	4.550	3.900	30
250	4.527	.2004	4.870	4.200	30
300	5.123	.2090	5.480	4.780	30
400	6.236	.2271	6.620	5.870	30
500	7.238	.2483	7.670	6.870	25
600	8.198	.2640	8.650	7.820	25
700	9.091	.2778	9.550	8.690	25
800	9.931	.2881	10.400	9.510	25
900	10.722	.2967	11.200	10.290	25
1000	11.474	.3030	11.950	11.040	25
1200	12.893	.3174	13.370	12.410	23
1500	14.703	.3424	15.260	14.280	14
2000	17.645	.6435	18.100	17.190	2
2500	19.710	n/a	n/a	n/a	1
3000	22.070	n/a	n/a	n/a	1
3500	24.340	n/a	n/a	n/a	1

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.00	.000	.00	.00	30
.01	.000	.01	.01	30
.05	.002	.05	.04	30
.11	.007	.12	.10	30
.30	.014	.32	.28	30
.66	.027	.72	.62	30
1.15	.048	1.24	1.07	30
1.72	.095	1.90	1.56	30
2.30	.150	2.53	2.05	30
2.88	.187	3.19	2.59	30
3.52	.209	3.89	3.19	30
4.21	.224	4.63	3.85	30
4.96	.238	5.42	4.57	30
6.64	.268	7.17	6.18	30
10.60	.356	11.30	10.03	30
15.29	.435	16.02	14.61	25
20.67	.539	21.58	19.83	25
26.59	.543	27.69	25.55	25
33.00	.743	34.30	31.74	25
39.86	.844	41.41	38.41	25
47.13	.944	48.94	45.52	25
62.85	1.174	65.08	60.98	23
88.68	1.641	91.66	86.76	14
139.87	3.281	142.19	137.55	2
195.22	n/a	n/a	n/a	1
261.50	n/a	n/a	n/a	1
336.48	n/a	n/a	n/a	1

OXYGEN

PRESS	MEAN	S.D.	MAX	MIN	N
0	7.33	.113	7.41	7.25	2
10	7.38	.007	7.39	7.38	2
20	7.39	.014	7.40	7.38	2
30	7.43	.035	7.46	7.41	2
50	7.43	.156	7.54	7.32	2
75	7.40	.191	7.53	7.26	2
100	7.23	.276	7.43	7.04	2
125	5.99	1.146	6.80	5.18	2
150	5.01	.863	5.62	4.40	2
175	4.17	.658	4.64	3.71	2
200	3.77	.460	4.10	3.45	2
225	3.23	.361	3.48	2.97	2
250	2.84	.127	2.93	2.75	2
300	2.29	.106	2.37	2.22	2
400	1.67	.120	1.75	1.58	2
500	1.18	.184	1.31	1.05	2
600	.96	.240	1.13	.79	2
700	.79	.177	.91	.66	2
800	.65	.106	.72	.57	2
900	.60	.085	.66	.54	2
1000	.56	.057	.60	.52	2
1200	.57	.057	.61	.53	2
1500	.75	.092	.81	.68	2
2000	1.37	n/a	n/a	n/a	1
2500	1.88	n/a	n/a	n/a	1
3000	2.52	n/a	n/a	n/a	1
3500	3.03	n/a	n/a	n/a	1

SOUND

MEAN	S.D.	MAX	MIN	N
1476	2.7	1484	1470	30
1475	2.7	1483	1470	30
1475	2.5	1479	1470	30
1475	2.3	1478	1470	30
1473	2.3	1477	1469	30
1472	2.2	1476	1469	30
1471	1.8	1476	1468	30
1471	1.7	1475	1467	30
1471	1.6	1474	1468	30
1471	1.3	1474	1469	30
1471	1.5	1474	1468	30
1471	1.5	1474	1468	30
1471	1.4	1473	1468	30
1471	1.2	1473	1469	30
1472	.8	1473	1470	30
1473	.5	1474	1472	25
1474	.4	1475	1473	25
1475	.4	1476	1474	25
1476	.3	1477	1475	25
1477	.4	1478	1476	25
1478	.3	1479	1477	25
1480	.0	1480	1480	23
1484	.0	1484	1484	14
1491	.7	1491	1490	2
1498	n/a	n/a	n/a	1
1506	n/a	n/a	n/a	1
1514	n/a	n/a	n/a	1

DELTA DH

PRESS	MEAN	S.D.	MAX	MIN	N
0	11.473	.3033	11.949	11.035	25
10	11.235	.2962	11.697	10.802	25
20	10.999	.2888	11.446	10.573	25
30	10.763	.2828	11.194	10.342	25
50	10.298	.2711	10.714	9.898	25
75	9.728	.2632	10.138	9.324	25
100	9.182	.2436	9.570	8.801	25
125	8.690	.2021	9.020	8.384	25
150	8.288	.1714	8.617	8.025	25
175	7.937	.1596	8.271	7.687	25
200	7.607	.1533	7.929	7.360	25
225	7.288	.1468	7.594	7.042	25
250	6.978	.1403	7.268	6.735	25
300	6.382	.1278	6.639	6.150	25
400	5.266	.1011	5.462	5.078	25
500	4.235	.0771	4.379	4.095	25
600	3.276	.0583	3.388	3.174	25
700	2.382	.0414	2.465	2.314	25
800	1.542	.0267	1.600	1.503	25
900	.750	.0125	.778	.733	25
1000	.000	.0000	.000	.000	25
1200	-1.398	.0241	-1.356	-1.439	23
1500	-3.295	.0506	-3.240	-3.381	14
2000	-6.132	.1181	-6.049	-6.216	2
2500	-8.564	n/a	n/a	n/a	1
3000	-10.931	n/a	n/a	n/a	1
3500	-13.195	n/a	n/a	n/a	1

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TEMPERATURE

PRESS	MEAN	S.D.	MAX	MIN	N
0	8.99	.689	10.50	8.05	21
10	8.81	.718	10.23	7.85	21
20	8.52	.934	10.17	6.88	21
30	7.93	1.094	9.85	6.09	21
50	6.65	.656	7.76	5.46	21
75	5.84	.685	6.89	4.65	21
100	5.24	.481	6.20	4.48	21
125	4.92	.389	5.37	4.17	21
150	4.99	.358	5.45	4.22	21
175	4.95	.354	5.81	4.32	21
200	4.73	.336	5.63	4.09	21
225	4.55	.299	5.28	3.94	21
250	4.40	.267	4.98	3.87	21
300	4.17	.188	4.51	3.77	21
400	3.95	.064	4.05	3.79	20
500	3.78	.053	3.86	3.64	20
600	3.59	.054	3.68	3.49	20
700	3.41	.049	3.50	3.34	20
800	3.23	.044	3.31	3.15	20
900	3.07	.043	3.14	2.98	20
1000	2.92	.040	2.99	2.82	20
1200	2.65	.036	2.73	2.56	20
1500	2.35	.041	2.40	2.28	13
2000	1.94	n/a	n/a	n/a	1
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0
3500	n/a	n/a	n/a	n/a	0

SALINITY

MEAN	S.D.	MAX	MIN	N
32.614	.0913	32.740	32.466	21
32.617	.0955	32.740	32.446	21
32.624	.1001	32.780	32.441	21
32.630	.1006	32.790	32.447	21
32.660	.0915	32.830	32.494	21
32.710	.0951	32.865	32.564	21
32.869	.2215	33.367	32.660	21
33.224	.3247	33.719	32.723	21
33.580	.1928	33.824	33.280	21
33.747	.0844	33.850	33.547	21
33.798	.0523	33.860	33.655	21
33.828	.0389	33.888	33.726	21
33.851	.0348	33.899	33.771	21
33.897	.0271	33.957	33.857	21
34.014	.0263	34.065	33.976	20
34.108	.0219	34.156	34.076	20
34.182	.0191	34.223	34.152	20
34.246	.0199	34.291	34.209	20
34.298	.0163	34.326	34.262	20
34.343	.0129	34.365	34.321	20
34.379	.0133	34.406	34.356	20
34.441	.0153	34.466	34.414	20
34.510	.0178	34.535	34.470	13
34.630	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

SIGMA T

PRESS	MEAN	S.D.	MAX	MIN	N
0	25.274	.1461	25.502	24.916	21
10	25.305	.1543	25.496	24.973	21
20	25.352	.1930	25.712	24.977	21
30	25.442	.2155	25.821	25.026	21
50	25.645	.1321	25.958	25.366	21
75	25.786	.1314	26.057	25.576	21
100	25.984	.1906	26.427	25.719	21
125	26.301	.2394	26.710	25.983	21
150	26.574	.1468	26.788	26.315	21
175	26.710	.0693	26.826	26.558	21
200	26.775	.0409	26.852	26.718	21
225	26.819	.0337	26.884	26.767	21
250	26.854	.0310	26.914	26.808	21
300	26.915	.0280	26.977	26.874	21
400	27.030	.0240	27.079	26.997	20
500	27.123	.0198	27.164	27.094	20
600	27.199	.0181	27.239	27.175	20
700	27.268	.0183	27.311	27.239	20
800	27.326	.0157	27.354	27.299	20
900	27.377	.0131	27.399	27.357	20
1000	27.419	.0127	27.445	27.403	20
1200	27.493	.0134	27.515	27.473	20
1500	27.573	.0145	27.593	27.545	13
2000	27.702	n/a	n/a	n/a	1
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0
3500	n/a	n/a	n/a	n/a	0

SVA

MEAN	S.D.	MAX	MIN	N
270.6	13.89	304.6	248.9	21
267.8	14.69	299.4	249.7	21
263.5	18.37	299.2	229.2	21
255.1	20.55	294.7	218.9	21
236.0	12.61	262.6	208.9	21
222.8	12.58	242.9	199.6	21
204.1	18.11	229.4	162.0	21
174.2	22.63	204.1	135.4	21
148.6	13.90	173.2	128.3	21
135.9	6.60	150.3	124.9	21
130.0	3.94	135.8	122.6	21
126.0	3.25	131.3	119.8	21
122.9	3.04	127.5	117.0	21
117.4	2.71	121.5	111.4	21
107.1	2.29	110.4	102.5	20
99.1	1.90	101.9	95.1	20
92.4	1.74	94.8	88.6	20
86.4	1.76	89.2	82.3	20
81.4	1.51	83.8	78.7	20
77.0	1.30	79.0	74.8	20
73.3	1.25	74.8	70.7	20
66.9	1.30	68.9	64.8	20
60.0	1.35	62.4	58.2	13
48.6	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

THETA

PRESS	MEAN	S.D.	MAX	MIN	N
0	8.99	.689	10.50	8.05	21
10	8.81	.718	10.23	7.85	21
20	8.52	.934	10.17	6.88	21
30	7.93	1.094	9.85	6.09	21
50	6.65	.655	7.76	5.46	21
75	5.83	.685	6.88	4.64	21
100	5.23	.481	6.19	4.47	21
125	4.91	.387	5.36	4.16	21
150	4.98	.357	5.44	4.21	21
175	4.94	.355	5.80	4.30	21
200	4.72	.334	5.61	4.08	21
225	4.54	.297	5.26	3.93	21
250	4.38	.266	4.96	3.85	21
300	4.15	.187	4.48	3.75	21
400	3.92	.063	4.02	3.77	20
500	3.74	.054	3.83	3.60	20
600	3.55	.055	3.64	3.45	20
700	3.36	.049	3.45	3.29	20
800	3.18	.044	3.26	3.09	20
900	3.01	.041	3.07	2.92	20
1000	2.85	.040	2.92	2.75	20
1200	2.57	.036	2.65	2.48	20
1500	2.24	.039	2.29	2.18	13
2000	1.81	n/a	n/a	n/a	1
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0
3500	n/a	n/a	n/a	n/a	0

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
270.6	13.89	304.6	248.9	21
267.7	14.69	299.2	249.5	21
263.2	18.35	298.8	229.0	21
254.6	20.49	294.1	218.5	21
235.3	12.55	261.8	208.3	21
221.9	12.49	241.8	198.9	21
203.1	18.09	228.2	161.0	21
172.9	22.74	203.1	134.1	21
147.0	13.94	171.5	126.7	21
134.0	6.56	148.4	123.0	21
127.8	3.87	133.2	120.5	21
123.6	3.17	128.6	117.5	21
120.4	2.94	124.6	114.7	21
114.5	2.63	118.4	108.7	21
103.5	2.27	106.7	98.9	20
94.7	1.86	97.4	90.7	20
87.4	1.72	89.7	83.6	20
80.8	1.72	83.6	76.7	20
75.3	1.47	77.8	72.7	20
70.5	1.25	72.3	68.3	20
66.4	1.19	67.9	63.9	20
59.3	1.28	61.2	57.7	20
51.6	1.35	54.2	49.7	13
39.2	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

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DELTA D

PRESS	MEAN	S.D.	MAX	MIN	N
0	.000	.0000	.000	.000	21
10	.270	.0130	.300	.250	21
20	.537	.0296	.600	.500	21
30	.797	.0477	.900	.720	21
50	1.289	.0771	1.460	1.150	21
75	1.864	.1029	2.070	1.660	21
100	2.396	.1352	2.650	2.130	21
125	2.872	.1623	3.120	2.520	21
150	3.273	.1935	3.560	2.850	21
175	3.625	.2143	3.940	3.160	21
200	3.958	.2240	4.290	3.470	21
225	4.277	.2286	4.620	3.770	21
250	4.587	.2338	4.950	4.070	21
300	5.188	.2419	5.570	4.650	21
400	6.301	.2654	6.720	5.730	20
500	7.330	.2809	7.770	6.730	20
600	8.286	.2951	8.740	7.650	20
700	9.181	.3081	9.640	8.520	20
800	10.020	.3180	10.480	9.340	20
900	10.809	.3296	11.280	10.110	20
1000	11.561	.3413	12.040	10.840	20
1200	12.957	.3610	13.450	12.200	20
1500	14.797	.4177	15.370	14.050	13
2000	18.120	n/a	n/a	n/a	1
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0
3500	n/a	n/a	n/a	n/a	0

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.00	.000	.00	.00	21
.01	.002	.02	.01	21
.05	.005	.06	.05	21
.12	.009	.14	.11	21
.32	.020	.36	.28	21
.69	.039	.76	.61	21
1.16	.066	1.27	1.03	21
1.71	.110	1.86	1.46	21
2.27	.167	2.49	1.93	21
2.85	.204	3.17	2.45	21
3.49	.225	3.84	3.04	21
4.18	.238	4.55	3.70	21
4.93	.250	5.30	4.42	21
6.61	.281	7.03	6.04	21
10.60	.360	11.13	9.90	20
15.32	.446	15.93	14.45	20
20.67	.528	21.38	19.63	20
26.59	.617	27.45	25.37	20
33.00	.724	34.02	31.54	20
39.86	.835	41.06	38.18	20
47.12	.942	48.50	45.23	20
62.77	1.206	64.39	60.38	20
88.58	1.724	91.07	86.00	13
139.04	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

OXYGEN

PRESS	MEAN	S.D.	MAX	MIN	N
0	6.94	n/a	n/a	n/a	1
10	6.85	n/a	n/a	n/a	1
20	6.85	n/a	n/a	n/a	1
30	6.86	n/a	n/a	n/a	1
50	6.92	n/a	n/a	n/a	1
75	6.89	n/a	n/a	n/a	1
100	6.69	n/a	n/a	n/a	1
125	6.01	n/a	n/a	n/a	1
150	5.33	n/a	n/a	n/a	1
175	4.38	n/a	n/a	n/a	1
200	3.90	n/a	n/a	n/a	1
225	3.52	n/a	n/a	n/a	1
250	3.18	n/a	n/a	n/a	1
300	2.42	n/a	n/a	n/a	1
400	1.60	n/a	n/a	n/a	1
500	1.09	n/a	n/a	n/a	1
600	n/a	n/a	n/a	n/a	0
700	n/a	n/a	n/a	n/a	0
800	n/a	n/a	n/a	n/a	0
900	n/a	n/a	n/a	n/a	0
1000	n/a	n/a	n/a	n/a	0
1200	n/a	n/a	n/a	n/a	0
1500	n/a	n/a	n/a	n/a	0
2000	n/a	n/a	n/a	n/a	0
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0
3500	n/a	n/a	n/a	n/a	0

SOUND

MEAN	S.D.	MAX	MIN	N
1483	2.6	1489	1480	21
1483	2.8	1488	1479	21
1482	3.4	1488	1476	21
1480	4.1	1487	1473	21
1475	2.6	1480	1471	21
1473	2.8	1477	1468	21
1471	1.9	1474	1467	21
1470	1.8	1473	1467	21
1472	1.7	1474	1468	21
1472	1.5	1476	1469	21
1472	1.4	1475	1469	21
1471	1.3	1474	1469	21
1471	1.1	1474	1469	21
1471	.8	1472	1469	21
1472	.5	1472	1471	20
1473	.2	1473	1472	20
1474	.3	1474	1473	20
1475	.0	1475	1475	20
1476	.2	1476	1475	20
1477	.5	1477	1476	20
1478	.5	1478	1477	20
1480	.0	1480	1480	20
1484	.0	1484	1484	13
1491	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

DELTA DH

PRESS	MEAN	S.D.	MAX	MIN	N
0	11.561	.3403	12.039	10.845	20
10	11.291	.3333	11.755	10.594	20
20	11.026	.3251	11.473	10.348	20
30	10.766	.3136	11.193	10.124	20
50	10.274	.2913	10.664	9.695	20
75	9.697	.2726	10.053	9.185	20
100	9.167	.2463	9.478	8.713	20
125	8.694	.2025	8.958	8.293	20
150	8.296	.1659	8.518	7.947	20
175	7.944	.1476	8.132	7.626	20
200	7.612	.1382	7.791	7.313	20
225	7.293	.1317	7.472	7.009	20
250	6.982	.1254	7.159	6.713	20
300	6.381	.1133	6.546	6.142	20
400	5.261	.0932	5.399	5.073	20
500	4.230	.0739	4.339	4.077	20
600	3.275	.0576	3.357	3.154	20
700	2.381	.0412	2.441	2.302	20
800	1.542	.0258	1.581	1.495	20
900	.751	.0126	.769	.727	20
1000	.000	.0000	.000	.000	20
1200	-1.396	.0259	-1.351	-1.433	20
1500	-3.285	.0634	-3.202	-3.391	13
2000	-6.079	n/a	n/a	n/a	1
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0
3500	n/a	n/a	n/a	n/a	0

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TEMPERATURE

PRESS	MEAN	S.D.	MAX	MIN	N
0	10.67	1.735	13.25	8.15	8
10	10.42	1.558	13.14	8.16	8
20	10.25	1.371	12.35	8.15	8
30	9.03	1.157	11.45	7.92	8
50	7.31	.589	8.33	6.37	8
75	6.07	.475	6.81	5.61	8
100	5.47	.375	6.08	4.87	8
125	5.01	.235	5.27	4.54	8
150	4.95	.360	5.52	4.30	8
175	4.79	.443	5.55	4.11	8
200	4.60	.462	5.35	3.93	8
225	4.42	.439	5.16	3.85	8
250	4.27	.417	4.97	3.78	8
300	4.05	.326	4.60	3.67	8
400	3.89	.218	4.27	3.63	8
500	3.84	.069	3.96	3.79	5
600	3.65	.042	3.71	3.60	5
700	3.44	.037	3.49	3.40	5
800	3.24	.043	3.31	3.20	5
900	3.08	.046	3.15	3.03	5
1000	2.93	.058	3.02	2.87	5
1200	2.66	.050	2.72	2.60	5
1500	2.36	.042	2.39	2.33	2
2000	n/a	n/a	n/a	n/a	0
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0
3500	n/a	n/a	n/a	n/a	0

SALINITY

MEAN	S.D.	MAX	MIN	N
32.537	.1062	32.660	32.390	8
32.545	.0888	32.660	32.440	8
32.559	.0733	32.660	32.474	8
32.585	.0740	32.690	32.468	8
32.626	.0765	32.760	32.493	8
32.662	.0867	32.810	32.551	8
32.748	.1007	32.953	32.670	8
33.160	.2591	33.486	32.753	8
33.535	.2195	33.728	33.125	8
33.700	.1366	33.827	33.465	8
33.768	.0789	33.860	33.649	8
33.794	.0654	33.869	33.689	8
33.824	.0622	33.897	33.725	8
33.876	.0522	33.928	33.772	8
33.997	.0404	34.043	33.925	8
34.098	.0263	34.125	34.063	5
34.175	.0222	34.204	34.146	5
34.245	.0230	34.277	34.219	5
34.291	.0165	34.310	34.274	5
34.330	.0194	34.358	34.315	5
34.368	.0134	34.387	34.356	5
34.427	.0112	34.445	34.419	5
34.497	.0146	34.510	34.485	2
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

SIGMA T

PRESS	MEAN	S.D.	MAX	MIN	N
0	24.928	.3325	25.428	24.347	8
10	24.979	.2832	25.428	24.577	8
20	25.022	.2438	25.431	24.654	8
30	25.242	.2353	25.469	24.782	8
50	25.531	.1263	25.665	25.282	8
75	25.722	.0989	25.853	25.572	8
100	25.862	.0793	26.018	25.757	8
125	26.240	.2077	26.468	25.923	8
150	26.543	.1583	26.689	26.244	8
175	26.691	.0816	26.788	26.533	8
200	26.766	.0417	26.841	26.717	8
225	26.805	.0384	26.870	26.762	8
250	26.845	.0393	26.909	26.802	8
300	26.910	.0328	26.953	26.866	8
400	27.023	.0317	27.074	26.985	8
500	27.108	.0259	27.134	27.079	5
600	27.188	.0206	27.215	27.164	5
700	27.265	.0212	27.293	27.244	5
800	27.320	.0139	27.335	27.301	5
900	27.366	.0149	27.387	27.347	5
1000	27.410	.0122	27.425	27.392	5
1200	27.481	.0101	27.494	27.469	5
1500	27.563	.0175	27.575	27.550	2
2000	n/a	n/a	n/a	n/a	0
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0
3500	n/a	n/a	n/a	n/a	0

SVA

MEAN	S.D.	MAX	MIN	N
303.6	31.64	358.8	255.9	8
298.9	26.98	337.2	256.1	8
295.0	23.28	330.1	255.9	8
274.2	22.48	318.1	252.5	8
246.8	12.06	270.6	234.1	8
228.9	9.42	243.2	216.4	8
215.7	7.52	225.7	201.0	8
180.0	19.69	210.0	158.4	8
151.5	14.97	179.8	137.7	8
137.7	7.66	152.5	128.5	8
130.8	3.94	135.2	123.7	8
127.2	3.71	131.1	121.0	8
123.6	3.80	127.4	117.5	8
117.7	3.13	121.6	113.5	8
107.8	3.08	111.7	102.7	8
100.6	2.50	103.3	98.1	5
93.5	1.95	95.8	91.0	5
86.8	2.01	88.8	84.1	5
82.0	1.36	83.9	80.6	5
78.0	1.44	79.9	76.0	5
74.2	1.25	76.1	72.8	5
68.0	1.03	69.3	66.8	5
61.0	1.77	62.3	59.8	2
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

THETA

PRESS	MEAN	S.D.	MAX	MIN	N
0	10.67	1.735	13.25	8.15	8
10	10.42	1.558	13.14	8.16	8
20	10.25	1.371	12.35	8.15	8
30	9.03	1.158	11.45	7.92	8
50	7.31	.589	8.33	6.37	8
75	6.06	.475	6.80	5.60	8
100	5.46	.375	6.07	4.86	8
125	5.00	.235	5.26	4.53	8
150	4.94	.360	5.51	4.29	8
175	4.78	.442	5.53	4.09	8
200	4.58	.463	5.33	3.91	8
225	4.41	.438	5.14	3.83	8
250	4.25	.415	4.95	3.77	8
300	4.02	.329	4.58	3.65	8
400	3.86	.218	4.24	3.60	8
500	3.81	.067	3.92	3.76	5
600	3.61	.044	3.67	3.56	5
700	3.39	.037	3.44	3.35	5
800	3.19	.042	3.25	3.14	5
900	3.02	.046	3.09	2.97	5
1000	2.86	.058	2.95	2.80	5
1200	2.57	.053	2.64	2.52	5
1500	2.26	.042	2.29	2.23	2
2000	n/a	n/a	n/a	n/a	0
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0
3500	n/a	n/a	n/a	n/a	0

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
303.6	31.64	358.8	255.9	8
298.6	26.96	336.9	255.9	8
294.6	23.22	329.6	255.6	8
273.6	22.41	317.4	252.0	8
246.1	11.98	269.7	233.4	8
228.0	9.37	242.1	215.5	8
214.6	7.54	224.6	199.8	8
178.7	19.70	208.7	157.0	8
149.9	15.03	178.3	136.0	8
135.8	7.74	150.8	126.6	8
128.7	3.94	133.4	121.6	8
125.0	3.64	129.1	118.8	8
121.2	3.74	125.3	115.1	8
115.0	3.08	119.2	111.0	8
104.3	3.02	107.8	99.4	8
96.1	2.43	98.8	93.7	5
88.4	1.92	90.7	85.9	5
81.2	1.98	83.1	78.5	5
75.2	1.35	77.7	74.5	5
71.5	1.44	73.2	69.4	5
67.2	1.16	68.9	65.8	5
60.4	.96	61.6	59.2	5
52.6	1.70	53.8	51.4	2
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

STATION MP24 J U L Y 1956 to 1990

DELTA D

PRESS	MEAN	S.D.	MAX	MIN	N
0	.000	.0000	.000	.000	8
10	.301	.0270	.340	.260	8
20	.601	.0569	.680	.510	8
30	.884	.0709	1.000	.770	8
50	1.404	.0880	1.560	1.260	8
75	1.996	.1017	2.180	1.850	8
100	2.556	.1218	2.780	2.380	8
125	3.051	.1110	3.260	2.910	8
150	3.460	.1239	3.660	3.320	8
175	3.818	.1400	4.000	3.660	8
200	4.153	.1485	4.360	4.000	8
225	4.476	.1504	4.690	4.320	8
250	4.790	.1509	5.010	4.620	8
300	5.394	.1571	5.640	5.190	8
400	6.519	.1733	6.800	6.280	8
500	7.490	.1612	7.720	7.300	5
600	8.462	.1782	8.690	8.240	5
700	9.364	.1940	9.600	9.110	5
800	10.208	.2033	10.440	9.940	5
900	11.004	.2110	11.230	10.720	5
1000	11.766	.2186	11.990	11.460	5
1200	13.176	.2346	13.410	12.860	5
1500	15.025	.3889	15.300	14.750	2
2000	n/a	n/a	n/a	n/a	0
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0
3500	n/a	n/a	n/a	n/a	0

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.00	.000	.00	.00	8
.01	.005	.02	.01	8
.06	.006	.07	.05	8
.13	.009	.15	.12	8
.35	.020	.38	.32	8
.72	.029	.77	.69	8
1.22	.054	1.30	1.16	8
1.79	.053	1.85	1.70	8
2.36	.104	2.53	2.22	8
2.96	.147	3.22	2.77	8
3.59	.172	3.90	3.36	8
4.29	.187	4.62	4.03	8
5.05	.198	5.39	4.75	8
6.74	.236	7.15	6.37	8
10.75	.324	11.27	10.25	8
15.43	.378	15.87	14.90	5
20.86	.502	21.42	20.18	5
26.85	.617	27.48	25.96	5
33.28	.744	34.06	32.25	5
40.19	.848	41.14	39.05	5
47.55	.951	48.70	46.22	5
63.34	1.214	64.98	61.87	5
89.93	3.012	92.06	87.80	2
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

OXYGEN

PRESS	MEAN	S.D.	MAX	MIN	N
0	n/a	n/a	n/a	n/a	0
10	n/a	n/a	n/a	n/a	0
20	n/a	n/a	n/a	n/a	0
30	n/a	n/a	n/a	n/a	0
50	n/a	n/a	n/a	n/a	0
75	n/a	n/a	n/a	n/a	0
100	n/a	n/a	n/a	n/a	0
125	n/a	n/a	n/a	n/a	0
150	n/a	n/a	n/a	n/a	0
175	n/a	n/a	n/a	n/a	0
200	n/a	n/a	n/a	n/a	0
225	n/a	n/a	n/a	n/a	0
250	n/a	n/a	n/a	n/a	0
300	n/a	n/a	n/a	n/a	0
400	n/a	n/a	n/a	n/a	0
500	n/a	n/a	n/a	n/a	0
600	n/a	n/a	n/a	n/a	0
700	n/a	n/a	n/a	n/a	0
800	n/a	n/a	n/a	n/a	0
900	n/a	n/a	n/a	n/a	0
1000	n/a	n/a	n/a	n/a	0
1200	n/a	n/a	n/a	n/a	0
1500	n/a	n/a	n/a	n/a	0
2000	n/a	n/a	n/a	n/a	0
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0
3500	n/a	n/a	n/a	n/a	0

SOUND

MEAN	S.D.	MAX	MIN	N
1489	6.1	1498	1480	8
1489	5.6	1499	1481	8
1488	4.9	1496	1481	8
1484	4.2	1493	1480	8
1478	2.3	1482	1474	8
1474	1.8	1476	1472	8
1472	1.5	1474	1469	8
1471	.9	1472	1469	8
1472	1.6	1474	1469	8
1471	2.1	1475	1468	8
1471	2.0	1474	1468	8
1471	2.0	1474	1468	8
1470	1.8	1473	1468	8
1471	1.5	1473	1469	8
1472	.9	1473	1470	8
1473	.4	1474	1473	5
1474	.0	1474	1474	5
1475	.0	1475	1475	5
1476	.0	1476	1476	5
1477	.0	1477	1477	5
1478	.0	1478	1478	5
1480	.0	1480	1480	5
1484	.0	1484	1484	2
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

DELTA DH

PRESS	MEAN	S.D.	MAX	MIN	N
0	11.765	.2151	11.985	11.464	5
10	11.462	.2260	11.641	11.126	5
20	11.162	.2439	11.368	10.788	5
30	10.876	.2476	11.114	10.501	5
50	10.362	.2348	10.616	10.021	5
75	9.771	.2224	10.032	9.450	5
100	9.216	.2132	9.502	8.929	5
125	8.736	.1963	8.974	8.469	5
150	8.349	.1863	8.564	8.094	5
175	8.007	.1785	8.217	7.765	5
200	7.680	.1684	7.878	7.452	5
225	7.359	.1592	7.547	7.145	5
250	7.046	.1495	7.225	6.847	5
300	6.442	.1315	6.603	6.270	5
400	5.316	.1042	5.441	5.179	5
500	4.273	.0785	4.365	4.166	5
600	3.304	.0575	3.375	3.223	5
700	2.400	.0410	2.460	2.349	5
800	1.559	.0266	1.599	1.526	5
900	.760	.0150	.781	.741	5
1000	.000	.0000	.000	.000	5
1200	-1.410	.0288	-1.376	-1.452	5
1500	-3.353	.0990	-3.283	-3.423	2
2000	n/a	n/a	n/a	n/a	0
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0
3500	n/a	n/a	n/a	n/a	0

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TEMPERATURE

PRESS	MEAN	S.D.	MAX	MIN	N
0	12.74	1.174	14.81	10.68	22
10	12.65	1.202	14.81	10.58	22
20	12.19	1.151	13.89	10.30	22
30	10.44	1.510	13.64	8.19	22
50	7.47	1.077	10.10	5.81	22
75	5.99	.662	7.02	4.79	22
100	5.37	.482	6.45	4.67	22
125	5.02	.311	5.48	4.48	22
150	5.04	.395	5.63	4.22	22
175	4.92	.420	5.83	4.08	22
200	4.71	.356	5.58	4.08	22
225	4.50	.321	5.28	3.93	22
250	4.36	.284	5.01	3.85	22
300	4.12	.201	4.44	3.68	22
400	3.91	.099	4.04	3.64	21
500	3.75	.079	3.85	3.54	20
600	3.58	.061	3.66	3.42	20
700	3.39	.058	3.49	3.27	19
800	3.22	.050	3.32	3.11	19
900	3.06	.044	3.14	2.97	19
1000	2.90	.040	2.98	2.84	19
1200	2.64	.034	2.71	2.59	19
1500	2.33	.040	2.38	2.27	11
2000	2.00	.046	2.05	1.97	3
2500	1.74	.035	1.76	1.71	2
3000	1.58	.014	1.59	1.57	2
3500	1.54	.014	1.55	1.53	2

SALINITY

MEAN	S.D.	MAX	MIN	N
32.507	.0925	32.670	32.360	22
32.504	.0901	32.670	32.360	22
32.511	.0970	32.670	32.351	22
32.552	.1104	32.733	32.360	22
32.619	.1192	32.808	32.370	22
32.680	.0935	32.840	32.540	22
32.854	.1737	33.417	32.692	22
33.286	.2546	33.756	32.851	22
33.639	.1304	33.844	33.336	22
33.762	.0715	33.872	33.571	22
33.802	.0453	33.876	33.699	22
33.825	.0326	33.907	33.757	22
33.849	.0239	33.897	33.797	22
33.892	.0255	33.935	33.846	22
34.005	.0211	34.037	33.964	21
34.103	.0164	34.132	34.070	20
34.182	.0162	34.216	34.156	20
34.245	.0182	34.284	34.217	19
34.297	.0188	34.331	34.266	19
34.340	.0173	34.371	34.313	19
34.378	.0179	34.416	34.354	19
34.437	.0200	34.478	34.405	19
34.509	.0221	34.557	34.477	11
34.565	.0174	34.583	34.548	3
34.626	.0150	34.636	34.616	2
34.657	.0095	34.663	34.651	2
34.674	.0181	34.687	34.660	2

SIGMA T

PRESS	MEAN	S.D.	MAX	MIN	N
0	24.531	.2778	24.957	24.008	22
10	24.546	.2830	24.974	24.005	22
20	24.640	.3774	25.071	24.188	22
30	24.981	.3263	25.450	24.272	22
50	25.498	.2389	25.847	24.908	22
75	25.744	.1349	26.012	25.552	22
100	25.957	.1528	26.387	25.779	22
125	26.338	.1806	26.681	26.029	22
150	26.615	.0821	26.756	26.437	22
175	26.726	.0351	26.789	26.652	22
200	26.781	.0242	26.825	26.722	22
225	26.822	.0246	26.869	26.758	22
250	26.857	.0254	26.895	26.789	22
300	26.918	.0251	26.957	26.856	22
400	27.027	.0218	27.070	26.981	21
500	27.121	.0178	27.158	27.090	20
600	27.201	.0167	27.237	27.175	20
700	27.269	.0182	27.308	27.240	19
800	27.326	.0182	27.358	27.296	19
900	27.376	.0161	27.406	27.349	19
1000	27.420	.0159	27.452	27.396	19
1200	27.491	.0169	27.527	27.468	19
1500	27.574	.0194	27.617	27.550	11
2000	27.646	.0168	27.662	27.628	3
2500	27.714	.0094	27.720	27.708	2
3000	27.751	.0046	27.755	27.747	2
3500	27.767	.0147	27.777	27.757	2

SVA

MEAN	S.D.	MAX	MIN	N
341.3	26.48	391.2	300.8	22
340.2	26.99	391.8	299.3	22
331.3	26.46	374.5	290.3	22
299.1	31.14	366.8	254.4	22
250.0	22.83	306.4	216.6	22
226.7	12.91	245.1	201.1	22
206.7	14.53	223.7	166.0	22
170.7	17.05	199.9	138.3	22
144.8	7.72	161.3	131.5	22
134.5	3.31	141.8	128.6	22
129.4	2.35	135.4	125.3	22
125.7	2.45	132.1	121.3	22
122.6	2.54	129.4	118.8	22
117.1	2.45	123.2	113.3	22
107.4	2.11	111.8	103.1	21
99.2	1.76	102.2	95.5	20
92.2	1.66	94.8	88.7	20
86.4	1.79	89.1	82.5	19
81.4	1.78	84.3	78.2	19
77.0	1.61	79.7	74.1	19
73.2	1.56	75.5	70.1	19
69.8	1.57	69.2	63.6	19
59.8	1.92	61.9	55.6	11
54.0	1.78	55.9	52.4	3
48.1	.57	48.5	47.7	2
45.3	.35	45.5	45.0	2
44.9	1.13	45.7	44.1	2

THETA

PRESS	MEAN	S.D.	MAX	MIN	N
0	12.74	1.174	14.81	10.68	22
10	12.65	1.202	14.81	10.58	22
20	12.18	1.151	13.89	10.30	22
30	10.44	1.511	13.64	8.19	22
50	7.47	1.075	10.09	5.81	22
75	5.99	.662	7.01	4.78	22
100	5.36	.481	6.44	4.66	22
125	5.01	.311	5.47	4.47	22
150	5.03	.394	5.62	4.21	22
175	4.91	.420	5.82	4.06	22
200	4.69	.356	5.57	4.06	22
225	4.48	.321	5.26	3.91	22
250	4.34	.282	4.99	3.84	22
300	4.10	.201	4.42	3.66	22
400	3.88	.099	4.01	3.62	21
500	3.71	.080	3.82	3.50	20
600	3.53	.060	3.62	3.38	20
700	3.35	.058	3.44	3.22	19
800	3.17	.049	3.26	3.06	19
900	2.99	.043	3.08	2.91	19
1000	2.84	.042	2.92	2.77	19
1200	2.56	.031	2.65	2.51	19
1500	2.33	.039	2.28	2.17	11
2000	1.86	.044	1.91	1.83	3
2500	1.56	.042	1.59	1.53	2
3000	1.36	.014	1.37	1.35	2
3500	1.27	.014	1.28	1.26	2

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
341.3	26.48	391.2	300.8	22
339.9	26.96	391.5	299.1	22
330.9	26.41	373.9	289.9	22
298.5	31.06	366.0	253.8	22
249.2	22.73	305.4	216.0	22
225.8	12.82	244.1	200.4	22
205.6	14.52	222.5	164.8	22
169.3	17.14	198.8	136.9	22
143.1	7.79	159.9	129.7	22
132.5	3.31	139.5	126.5	22
127.3	2.27	132.8	123.1	22
123.4	2.34	129.4	118.9	22
120.1	2.39	126.5	116.5	22
114.2	2.36	120.1	110.6	22
103.8	2.08	108.2	99.7	21
94.8	1.68	97.8	91.3	20
87.2	1.59	89.7	83.9	20
80.8	1.73	83.5	77.0	19
75.3	1.74	78.1	72.2	19
70.5	1.55	73.1	67.7	19
66.3	1.52	68.6	63.2	19
59.5	1.57	61.6	56.1	19
51.5	1.85	53.7	47.4	11
44.5	1.66	46.2	42.9	3
37.8	.78	38.3	37.2	2
34.0	.57	34.4	33.6	2
32.2	1.27	33.1	31.3	2

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DELTA D

PRESS	MEAN	S.D.	MAX	MIN	N
0	.000	.0000	.000	.000	22
10	.343	.0266	.390	.300	22
20	.579	.0532	.770	.500	22
30	.997	.0751	1.110	.890	22
50	1.540	.1214	1.740	1.370	22
75	2.128	.1538	2.370	1.890	22
100	2.672	.1796	2.970	2.370	22
125	3.142	.1873	3.440	2.780	22
150	3.534	.1937	3.810	3.130	22
175	3.880	.1999	4.140	3.460	22
200	4.210	.2023	4.470	3.780	22
225	4.529	.2049	4.790	4.090	22
250	4.838	.2051	5.120	4.400	22
300	5.437	.2073	5.750	4.990	22
400	6.549	.2162	6.920	6.100	21
500	7.577	.2278	7.990	7.130	20
600	8.533	.2342	8.970	8.090	20
700	9.423	.2450	9.880	9.000	19
800	10.261	.2511	10.730	9.850	19
900	11.052	.2598	11.540	10.650	19
1000	11.804	.2676	12.300	11.410	19
1200	13.203	.2803	13.710	12.830	19
1500	15.126	.3389	15.640	14.700	11
2000	18.277	.3723	18.490	17.970	3
2500	20.755	.3323	20.990	20.520	2
3000	23.080	.3252	23.310	22.850	2
3500	25.340	.2970	25.550	25.130	2

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.00	.000	.00	.00	22
.02	.000	.02	.02	22
.07	.007	.08	.06	22
.15	.011	.17	.13	22
.37	.032	.43	.32	22
.75	.053	.83	.66	22
1.23	.077	1.36	1.08	22
1.77	.098	1.90	1.55	22
2.31	.122	2.49	2.04	22
2.89	.140	3.11	2.58	22
3.52	.148	3.77	3.19	22
4.21	.156	4.49	3.87	22
4.96	.164	5.28	4.61	22
6.64	.178	7.05	6.29	22
10.63	.242	11.23	10.24	21
15.35	.318	16.12	14.91	20
20.71	.392	21.62	20.10	20
26.60	.493	27.66	25.78	19
33.01	.604	34.19	31.95	19
39.86	.732	41.15	38.54	19
47.12	.865	48.51	45.61	19
62.80	1.163	64.58	60.58	19
88.79	2.147	91.63	85.13	11
141.75	.593	142.43	141.32	3
199.28	.479	199.62	198.94	2
264.47	.642	264.93	264.02	2
339.36	1.654	340.53	338.19	2

OXYGEN

PRESS	MEAN	S.D.	MAX	MIN	N
0	6.35	.318	6.57	6.12	2
10	6.34	.269	6.53	6.15	2
20	6.72	.714	7.23	6.22	2
30	7.19	.297	7.40	6.98	2
50	7.19	.113	7.27	7.11	2
75	7.13	.163	7.24	7.01	2
100	6.84	.495	7.19	6.49	2
125	5.29	.354	5.54	5.04	2
150	4.03	.354	4.28	3.78	2
175	3.67	.049	3.70	3.63	2
200	3.33	.184	3.46	3.20	2
225	3.00	.297	3.21	2.79	2
250	2.64	.297	2.85	2.43	2
300	2.37	.417	2.66	2.07	2
400	1.53	.092	1.59	1.46	2
500	1.06	.014	1.07	1.05	2
600	.84	.120	.92	.75	2
700	.70	.078	.76	.65	2
800	.61	.014	.62	.60	2
900	.58	.014	.59	.57	2
1000	.55	.049	.59	.52	2
1200	.59	.028	.61	.57	2
1500	.77	.028	.79	.75	2
2000	1.26	.099	1.33	1.19	2
2500	2.00	n/a	n/a	n/a	1
3000	2.63	n/a	n/a	n/a	1
3500	2.93	n/a	n/a	n/a	1

SOUND

MEAN	S.D.	MAX	MIN	N
1497	4.0	1504	1490	22
1497	4.0	1504	1490	22
1495	3.9	1501	1489	22
1489	5.4	1500	1481	22
1478	4.0	1488	1472	22
1473	2.6	1477	1468	22
1471	2.1	1476	1468	22
1471	1.5	1473	1468	22
1472	1.8	1474	1468	22
1472	1.9	1476	1468	22
1471	1.5	1475	1469	22
1471	1.3	1474	1469	22
1471	1.3	1474	1469	22
1471	1.0	1472	1469	22
1472	.4	1473	1471	21
1473	.4	1473	1472	20
1474	.4	1474	1473	20
1475	.4	1475	1474	19
1476	.3	1476	1475	19
1477	.2	1477	1476	19
1478	.4	1478	1477	19
1480	.0	1480	1480	19
1484	.0	1484	1484	11
1491	.0	1491	1491	3
1498	.0	1498	1498	2
1506	.0	1506	1506	2
1514	.0	1514	1514	2

DELTA DH

PRESS	MEAN	S.D.	MAX	MIN	N
0	11.803	.2673	12.298	11.408	19
10	11.464	.2504	11.936	11.101	19
20	11.128	.2349	11.579	10.786	19
30	10.809	.2246	11.256	10.463	19
50	10.268	.2124	10.705	9.970	19
75	9.679	.1985	10.084	9.378	19
100	9.138	.1825	9.510	8.883	19
125	8.669	.1599	8.996	8.420	19
150	8.281	.1489	8.562	8.030	19
175	7.935	.1439	8.186	7.682	19
200	7.606	.1406	7.843	7.354	19
225	7.288	.1366	7.510	7.043	19
250	6.978	.1310	7.183	6.742	19
300	6.378	.1199	6.552	6.160	19
400	5.259	.0989	5.401	5.068	19
500	4.226	.0813	4.356	4.068	19
600	3.271	.0669	3.362	3.140	19
700	2.380	.0490	2.462	2.289	19
800	1.542	.0322	1.595	1.483	19
900	.751	.0157	.775	.720	19
1000	.000	.0000	.000	.000	19
1200	-1.398	.0307	-1.328	-1.439	19
1500	-3.289	.0902	-3.116	-3.408	11
2000	-6.236	.0502	-6.189	-6.289	3
2500	-8.736	.0587	-8.694	-8.777	2
3000	-11.063	.0658	-11.016	-11.109	2
3500	-13.323	.0962	-13.255	-13.391	2

STATION MP24 S E P T E M B E R 1956 to 1990

TEMPERATURE

PRESS	MEAN	S.D.	MAX	MIN	N
0	13.59	.835	14.70	11.70	17
10	13.54	.835	14.57	11.70	17
20	13.36	.947	14.48	11.35	17
30	12.22	1.945	14.41	6.84	17
50	7.47	1.059	10.10	5.76	17
75	6.04	.567	7.08	5.20	17
100	5.42	.505	6.33	4.82	17
125	4.96	.326	5.61	4.50	17
150	4.90	.376	5.49	4.22	17
175	4.80	.388	5.28	4.03	17
200	4.63	.388	5.14	3.95	17
225	4.45	.337	4.91	3.87	17
250	4.32	.318	4.78	3.79	17
300	4.12	.223	4.47	3.73	17
400	3.90	.132	4.10	3.56	17
500	3.79	.069	3.88	3.60	15
600	3.61	.052	3.69	3.49	15
700	3.43	.042	3.49	3.35	15
800	3.24	.033	3.30	3.19	15
900	3.07	.034	3.14	3.01	15
1000	2.93	.030	2.98	2.87	15
1200	2.66	.030	2.71	2.60	15
1500	2.33	.029	2.38	2.29	7
2000	1.95	.025	1.98	1.93	3
2500	1.76	.000	1.76	1.76	2
3000	1.61	.014	1.62	1.60	2
3500	1.53	.000	1.53	1.53	2

SALINITY

MEAN	S.D.	MAX	MIN	N
32.530	.0953	32.770	32.405	17
32.524	.0996	32.760	32.338	17
32.529	.1015	32.760	32.337	17
32.552	.1232	32.840	32.336	17
32.671	.1016	32.860	32.540	17
32.713	.0988	32.879	32.560	17
32.790	.1318	33.052	32.647	17
33.128	.2449	33.496	32.790	17
33.516	.2183	33.800	33.027	17
33.715	.1027	33.885	33.471	17
33.775	.0677	33.900	33.649	17
33.804	.0554	33.920	33.697	17
33.831	.0485	33.930	33.735	17
33.883	.0379	33.976	33.823	17
33.988	.0188	34.018	33.950	17
34.090	.0219	34.124	34.041	15
34.172	.0201	34.202	34.125	15
34.236	.0189	34.268	34.201	15
34.290	.0185	34.315	34.252	15
34.333	.0177	34.355	34.300	15
34.369	.0175	34.387	34.333	15
34.429	.0148	34.447	34.389	15
34.502	.0154	34.514	34.468	7
34.574	.0185	34.586	34.552	3
34.631	.0057	34.633	34.629	2
34.660	.0000	34.665	34.654	2
34.676	.0091	34.682	34.670	2

SIGMA T

PRESS	MEAN	S.D.	MAX	MIN	N
0	24.383	.1717	24.655	24.103	17
10	24.389	.1762	24.652	24.073	17
20	24.428	.2039	24.857	24.072	17
30	24.654	.4020	25.651	24.069	17
50	25.540	.2003	25.855	25.149	17
75	25.765	.1331	25.993	25.529	17
100	25.901	.1356	26.153	25.682	17
125	26.220	.1818	26.519	25.966	17
150	26.533	.1556	26.761	26.156	17
175	26.702	.0619	26.833	26.522	17
200	26.768	.0376	26.866	26.693	17
225	26.811	.0331	26.899	26.757	17
250	26.846	.0321	26.917	26.779	17
300	26.908	.0332	26.988	26.838	17
400	27.015	.0181	27.051	26.978	17
500	27.107	.0182	27.138	27.070	15
600	27.190	.0168	27.219	27.154	15
700	27.258	.0159	27.287	27.232	15
800	27.319	.0159	27.340	27.291	15
900	27.368	.0162	27.388	27.339	15
1000	27.411	.0147	27.426	27.382	15
1200	27.482	.0138	27.499	27.449	15
1500	27.568	.0123	27.581	27.543	7
2000	27.656	.0133	27.666	27.640	3
2500	27.717	.0000	27.719	27.715	2
3000	27.751	.0094	27.756	27.745	2
3500	27.769	.0069	27.774	27.765	2

SVA

MEAN	S.D.	MAX	MIN	N
355.4	16.37	382.1	329.5	17
355.1	16.81	385.2	330.0	17
351.6	19.46	385.6	310.7	17
330.3	38.36	386.1	235.1	17
246.0	19.13	283.4	216.0	17
224.8	12.71	247.3	203.0	17
212.0	12.94	232.9	188.0	17
181.9	17.19	205.9	153.5	17
152.5	14.68	188.1	130.9	17
136.7	5.82	153.6	124.3	17
130.6	3.56	137.5	121.4	17
126.7	3.18	132.1	118.4	17
123.5	3.09	130.1	116.9	17
118.0	3.21	124.9	110.4	17
108.6	1.83	112.1	105.0	17
100.6	1.74	104.0	97.6	15
93.4	1.61	96.7	90.5	15
87.4	1.52	89.9	84.6	15
82.1	1.53	84.8	80.1	15
77.8	1.53	80.6	75.8	15
74.1	1.43	76.8	72.5	15
67.9	1.29	71.0	66.2	15
60.4	1.10	62.6	59.0	7
52.8	1.15	54.1	51.9	3
47.9	.21	48.1	47.8	2
45.5	.85	46.1	44.9	2
44.6	.57	45.0	44.2	2

THETA

PRESS	MEAN	S.D.	MAX	MIN	N
0	13.59	.835	14.70	11.70	17
10	13.54	.834	14.57	11.70	17
20	13.36	.947	14.48	11.35	17
30	12.22	1.945	14.41	6.84	17
50	7.47	1.057	10.09	5.76	17
75	6.03	.567	7.07	5.19	17
100	5.41	.506	6.32	4.81	17
125	4.95	.326	5.60	4.49	17
150	4.89	.375	5.48	4.21	17
175	4.79	.388	5.27	4.02	17
200	4.61	.386	5.12	3.94	17
225	4.43	.337	4.89	3.85	17
250	4.30	.320	4.77	3.77	17
300	4.10	.223	4.45	3.71	17
400	3.88	.130	4.07	3.54	17
500	3.76	.068	3.84	3.57	15
600	3.57	.053	3.65	3.45	15
700	3.38	.044	3.45	3.30	15
800	3.19	.033	3.24	3.14	15
900	3.01	.034	3.08	2.95	15
1000	2.86	.031	2.92	2.81	15
1200	2.58	.030	2.63	2.52	15
1500	2.23	.026	2.27	2.19	7
2000	1.82	.025	1.84	1.79	3
2500	1.58	.000	1.58	1.58	2
3000	1.38	.021	1.40	1.37	2
3500	1.26	.000	1.26	1.26	2

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
355.4	16.37	382.1	329.5	17
354.9	16.80	385.0	329.8	17
351.1	19.41	385.0	310.3	17
329.5	38.26	385.3	234.7	17
245.2	19.05	282.4	215.3	17
223.8	12.63	246.2	202.2	17
210.9	12.87	231.7	187.0	17
180.6	17.26	204.7	152.2	17
150.8	14.76	186.6	129.2	17
134.8	5.86	151.8	122.4	17
128.5	3.57	135.6	119.2	17
124.5	3.14	129.6	116.1	17
121.1	3.03	127.4	114.4	17
115.2	3.15	121.8	107.6	17
105.0	1.74	108.5	101.6	17
96.2	1.72	99.7	93.3	15
88.3	1.60	91.7	85.5	15
81.7	1.52	84.2	79.0	15
75.9	1.51	78.6	73.9	15
71.2	1.52	74.0	69.3	15
67.5	1.41	69.9	65.7	15
60.3	1.27	63.4	58.7	15
52.0	1.13	54.4	50.8	7
43.5	1.29	45.0	42.6	3
37.5	.28	37.7	37.3	2
34.0	.71	34.5	33.5	2
32.0	.64	32.4	31.5	2

STATION MP24 S E P T E M B E R 1956 to 1990

DELTA D

PRESS	MEAN	S.D.	MAX	MIN	N
0	.000	.0000	.000	.000	17
10	.356	.0173	.390	.330	17
20	.712	.0340	.770	.660	17
30	1.057	.0541	1.170	.970	17
50	1.627	.0988	1.810	1.400	17
75	2.211	.1261	2.430	1.950	17
100	2.758	.1473	2.990	2.470	17
125	3.255	.1689	3.510	2.930	17
150	3.669	.2008	3.980	3.290	17
175	4.028	.2184	4.360	3.610	17
200	4.361	.2264	4.720	3.910	17
225	4.681	.2282	5.050	4.210	17
250	4.994	.2303	5.370	4.510	17
300	5.597	.2350	5.980	5.080	17
400	6.729	.2413	7.110	6.170	17
500	7.750	.2397	8.090	7.210	15
600	8.717	.2428	9.050	8.170	15
700	9.621	.2479	9.950	9.060	15
800	10.468	.2525	10.790	9.900	15
900	11.265	.2598	11.580	10.680	15
1000	12.025	.2673	12.330	11.430	15
1200	13.441	.2817	13.740	12.810	15
1500	15.349	.2762	15.660	14.910	7
2000	18.253	.3758	18.490	17.820	3
2500	20.660	.4808	21.000	20.320	2
3000	23.005	.4596	23.330	22.680	2
3500	25.265	.4172	25.560	24.970	2

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.00	.000	.00	.00	17
.02	.000	.02	.02	17
.07	.004	.08	.07	17
.16	.010	.18	.14	17
.39	.030	.44	.32	17
.76	.049	.83	.67	17
1.25	.069	1.37	1.13	17
1.82	.098	1.98	1.61	17
2.40	.147	2.64	2.11	17
2.99	.183	3.30	2.63	17
3.63	.196	3.99	3.22	17
4.32	.206	4.72	3.87	17
5.08	.213	5.49	4.58	17
6.77	.229	7.19	6.18	17
10.80	.265	11.21	10.10	17
15.58	.308	15.91	14.83	15
21.01	.374	21.52	20.20	15
26.98	.446	27.66	26.13	15
33.45	.545	34.31	32.52	15
40.36	.660	41.42	39.30	15
47.71	.784	48.99	46.52	15
63.59	1.047	65.27	62.06	15
89.78	1.489	92.66	88.28	7
140.95	3.334	144.59	138.04	3
196.53	1.683	197.72	195.34	2
262.18	1.188	263.02	261.34	2
337.04	.103	337.10	336.98	2

OXYGEN

PRESS	MEAN	S.D.	MAX	MIN	N
0	4.72	n/a	n/a	n/a	1
10	4.42	n/a	n/a	n/a	1
20	4.99	n/a	n/a	n/a	1
30	5.34	n/a	n/a	n/a	1
50	4.78	n/a	n/a	n/a	1
75	5.35	n/a	n/a	n/a	1
100	5.64	n/a	n/a	n/a	1
125	5.64	n/a	n/a	n/a	1
150	4.35	n/a	n/a	n/a	1
175	3.66	n/a	n/a	n/a	1
200	3.31	n/a	n/a	n/a	1
225	2.85	n/a	n/a	n/a	1
250	2.46	n/a	n/a	n/a	1
300	2.18	n/a	n/a	n/a	1
400	1.41	n/a	n/a	n/a	1
500	.91	n/a	n/a	n/a	1
600	.74	n/a	n/a	n/a	1
700	.60	n/a	n/a	n/a	1
800	.55	n/a	n/a	n/a	1
900	.50	n/a	n/a	n/a	1
1000	.52	n/a	n/a	n/a	1
1200	.57	n/a	n/a	n/a	1
1500	.72	n/a	n/a	n/a	1
2000	1.32	n/a	n/a	n/a	1
2500	1.93	n/a	n/a	n/a	1
3000	2.53	n/a	n/a	n/a	1
3500	2.85	n/a	n/a	n/a	1

SOUND

MEAN	S.D.	MAX	MIN	N
1500	2.9	1503	1493	17
1500	2.8	1503	1493	17
1499	3.4	1503	1492	17
1496	6.8	1503	1476	17
1479	4.1	1489	1472	17
1473	2.2	1477	1470	17
1471	2.1	1475	1469	17
1470	1.5	1473	1468	17
1471	1.8	1474	1468	17
1471	1.6	1473	1468	17
1471	1.8	1473	1468	17
1471	1.7	1473	1468	17
1471	1.5	1473	1468	17
1471	1.0	1472	1469	17
1472	.6	1472	1470	17
1473	.3	1473	1472	15
1474	.3	1474	1473	15
1475	.0	1475	1475	15
1476	.0	1476	1476	15
1477	.0	1477	1477	15
1478	.0	1478	1478	15
1480	.0	1480	1480	15
1484	.0	1484	1484	7
1491	.6	1491	1490	3
1498	.0	1498	1498	2
1506	.0	1506	1506	2
1514	.0	1514	1514	2

DELTA DH

PRESS	MEAN	S.D.	MAX	MIN	N
0	12.025	.2673	12.332	11.428	15
10	11.668	.2631	11.969	11.086	15
20	11.313	.2573	11.605	10.745	15
30	10.968	.2445	11.232	10.414	15
50	10.405	.2014	10.615	9.957	15
75	9.824	.1787	10.020	9.426	15
100	9.277	.1612	9.459	8.918	15
125	8.784	.1465	8.987	8.493	15
150	8.377	.1423	8.598	8.140	15
175	8.023	.1386	8.250	7.823	15
200	7.692	.1330	7.915	7.502	15
225	7.371	.1263	7.590	7.190	15
250	7.059	.1202	7.274	6.882	15
300	6.455	.1086	6.658	6.290	15
400	5.322	.0894	5.486	5.183	15
500	4.274	.0743	4.406	4.165	15
600	3.306	.0583	3.410	3.222	15
700	2.404	.0435	2.483	2.344	15
800	1.557	.0294	1.612	1.519	15
900	.759	.0145	.787	.741	15
1000	.000	.0000	.000	.000	15
1200	-1.416	.0257	-1.386	-1.473	15
1500	-3.336	.0622	-3.278	-3.471	7
2000	-6.214	.1567	-6.096	-6.392	3
2500	-8.630	.0474	-8.597	-8.664	2
3000	-10.974	.0297	-10.953	-10.995	2
3500	-13.234	.0087	-13.228	-13.240	2

STATION MP24 O C T O B E R 1956 to 1990

TEMPERATURE

PRESS	MEAN	S.D.	MAX	MIN	N
0	11.06	1.229	13.32	9.10	8
10	11.03	1.226	13.26	9.10	8
20	11.02	1.224	13.26	9.10	8
30	11.01	1.219	13.25	9.11	8
50	10.55	1.275	12.71	8.87	8
75	6.32	.671	7.20	5.28	8
100	5.45	.509	6.20	4.56	8
125	5.09	.328	5.57	4.48	8
150	5.11	.140	5.34	4.94	8
175	4.98	.166	5.21	4.81	8
200	4.78	.144	5.01	4.58	8
225	4.62	.160	4.86	4.35	8
250	4.45	.214	4.83	4.14	8
300	4.23	.146	4.43	4.02	8
400	4.00	.079	4.07	3.84	8
500	3.83	.081	3.98	3.74	8
600	3.62	.055	3.68	3.54	8
700	3.44	.049	3.49	3.34	8
800	3.25	.034	3.28	3.18	8
900	3.08	.018	3.10	3.05	8
1000	2.92	.020	2.96	2.90	8
1200	2.66	.037	2.74	2.62	8
1500	2.33	.052	2.40	2.26	7
2000	1.94	.012	1.95	1.93	3
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0
3500	n/a	n/a	n/a	n/a	0

SALINITY

MEAN	S.D.	MAX	MIN	N
32.503	.0992	32.662	32.393	8
32.503	.0988	32.662	32.395	8
32.510	.1042	32.681	32.394	8
32.514	.1063	32.693	32.395	8
32.539	.1078	32.693	32.411	8
32.710	.0866	32.846	32.603	8
32.959	.2131	33.270	32.743	8
33.310	.2381	33.591	32.885	8
33.629	.1192	33.744	33.424	8
33.769	.0352	33.823	33.721	8
33.811	.0171	33.838	33.793	8
33.837	.0310	33.893	33.798	8
33.862	.0447	33.950	33.807	8
33.912	.0435	33.983	33.861	8
34.001	.0290	34.060	33.972	8
34.102	.0273	34.145	34.066	8
34.177	.0235	34.219	34.143	8
34.242	.0234	34.285	34.215	8
34.294	.0205	34.337	34.273	8
34.339	.0179	34.378	34.324	8
34.377	.0172	34.415	34.362	8
34.439	.0148	34.467	34.424	8
34.511	.0198	34.539	34.486	7
34.582	.0048	34.585	34.579	3
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

SIGMA T

PRESS	MEAN	S.D.	MAX	MIN	N
0	24.838	.2583	25.186	24.336	8
10	24.846	.2581	25.187	24.349	8
20	24.852	.2596	25.189	24.352	8
30	24.857	.2597	25.191	24.357	8
50	24.955	.2702	25.324	24.497	8
75	25.728	.1045	25.855	25.551	8
100	26.030	.1882	26.299	25.825	8
125	26.349	.1676	26.564	26.081	8
150	26.600	.0884	26.682	26.439	8
175	26.725	.0180	26.754	26.704	8
200	26.780	.0166	26.809	26.754	8
225	26.820	.0203	26.849	26.786	8
250	26.857	.0252	26.885	26.814	8
300	26.920	.0279	26.966	26.880	8
400	27.015	.0255	27.061	26.990	8
500	27.112	.0271	27.156	27.082	8
600	27.193	.0226	27.230	27.161	8
700	27.263	.0208	27.297	27.236	8
800	27.321	.0166	27.353	27.302	8
900	27.373	.0149	27.404	27.359	8
1000	27.418	.0144	27.450	27.403	8
1200	27.490	.0144	27.514	27.475	6
1500	27.575	.0192	27.602	27.552	7
2000	27.664	.0022	27.667	27.661	3
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0
3500	n/a	n/a	n/a	n/a	0

SVA

MEAN	S.D.	MAX	MIN	N
312.0	24.61	359.9	278.9	8
311.5	24.61	358.8	279.0	8
311.1	24.74	358.8	279.0	8
311.0	24.74	358.6	279.1	8
301.9	25.83	345.7	266.7	8
228.4	10.01	245.3	216.1	8
199.8	17.90	219.3	174.2	8
169.7	15.83	194.9	149.4	8
146.2	8.33	161.4	138.4	8
134.6	1.73	136.7	131.8	8
129.5	1.63	132.0	126.7	8
126.0	1.95	129.1	123.1	8
122.6	2.34	126.6	119.9	8
116.9	2.58	120.7	112.7	8
108.6	2.43	111.1	104.4	8
100.1	2.58	103.0	96.0	8
93.0	2.18	96.1	89.5	8
87.0	2.02	89.6	83.8	8
81.8	1.60	83.7	78.9	8
77.3	1.39	78.6	74.5	8
73.4	1.45	74.9	70.3	8
67.2	1.40	68.8	64.8	8
59.7	1.92	62.0	57.0	7
52.1	.35	52.4	51.7	3
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

THETA

PRESS	MEAN	S.D.	MAX	MIN	N
0	11.06	1.229	13.32	9.10	8
10	11.03	1.226	13.26	9.10	8
20	11.01	1.224	13.26	9.10	8
30	11.01	1.221	13.25	9.10	8
50	10.54	1.275	12.70	8.86	8
75	6.31	.671	7.19	5.27	8
100	5.44	.509	6.19	4.55	8
125	5.08	.328	5.56	4.47	8
150	5.09	.143	5.33	4.92	8
175	4.97	.167	5.20	4.80	8
200	4.76	.142	4.99	4.57	8
225	4.60	.160	4.84	4.33	8
250	4.43	.212	4.81	4.12	8
300	4.21	.146	4.41	4.00	8
400	3.97	.079	4.04	3.81	8
500	3.79	.082	3.95	3.71	8
600	3.58	.054	3.63	3.50	8
700	3.39	.047	3.44	3.30	8
800	3.20	.035	3.22	3.12	8
900	3.02	.018	3.04	2.99	8
1000	2.85	.020	2.89	2.83	8
1200	2.58	.037	2.66	2.54	8
1500	2.23	.050	2.30	2.16	7
2000	1.80	.012	1.81	1.79	3
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0
3500	n/a	n/a	n/a	n/a	0

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
312.0	24.61	359.9	278.9	8
311.5	24.58	358.6	278.8	8
310.7	24.70	358.3	278.6	8
310.3	24.70	357.8	278.5	8
300.8	25.70	344.4	265.8	8
227.4	9.93	244.2	215.3	8
198.7	17.88	218.1	173.1	8
168.4	15.92	193.8	148.0	8
144.5	8.34	159.7	136.7	8
132.6	1.74	134.6	129.8	8
127.3	1.57	129.8	124.7	8
123.6	1.95	126.8	120.9	8
120.1	2.37	124.1	117.4	8
114.0	2.61	117.8	109.7	8
104.9	3.43	107.4	100.6	8
95.7	5.55	98.6	91.6	8
88.0	5.12	91.0	84.5	8
81.4	1.98	83.9	78.1	8
75.7	1.61	77.6	72.7	8
70.8	1.40	72.1	67.9	8
66.5	1.43	67.9	63.4	8
59.6	1.32	61.0	57.3	8
51.3	1.82	53.5	48.8	7
42.8	.30	43.1	42.5	3
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

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DELTA D

PRESS	MEAN	S.D.	MAX	MIN	N
0	.000	.0000	.000	.000	8
10	.311	.0253	.360	.280	8
20	.624	.0501	.720	.560	8
30	.938	.0738	1.080	.840	8
50	1.563	.1223	1.800	1.400	8
75	2.214	.1517	2.520	2.040	8
100	2.744	.1619	3.100	2.560	8
125	3.208	.1634	3.590	3.060	8
150	3.600	.1548	3.970	3.510	8
175	3.950	.1546	4.320	3.850	8
200	4.280	.1586	4.660	4.180	8
225	4.596	.1603	4.980	4.500	8
250	4.907	.1639	5.300	4.810	8
300	5.506	.1731	5.920	5.400	8
400	6.629	.1854	7.070	6.510	8
500	7.674	.1976	8.140	7.530	8
600	8.640	.2110	9.130	8.460	8
700	9.537	.2249	10.050	9.330	8
800	10.381	.2344	10.900	10.140	8
900	11.179	.2438	11.710	10.910	8
1000	11.931	.2561	12.480	11.630	8
1200	13.331	.2680	13.890	12.980	8
1500	15.220	.3111	15.810	14.800	7
2000	18.203	.3790	18.610	17.860	3
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0
3500	n/a	n/a	n/a	n/a	0

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.00	.000	.00	.00	8
.02	.005	.02	.01	8
.06	.004	.07	.06	8
.14	.011	.16	.13	8
.40	.032	.46	.36	8
.81	.052	.91	.76	8
1.28	.065	1.43	1.22	8
1.81	.082	1.98	1.73	8
2.36	.104	2.53	2.23	8
2.94	.116	3.11	2.80	8
3.57	.118	3.75	3.43	8
4.26	.117	4.45	4.13	8
5.01	.122	5.23	4.88	8
6.69	.134	6.96	6.54	8
10.70	.166	11.06	10.52	8
15.48	.230	15.96	15.17	8
20.89	.338	21.49	20.36	8
26.84	.462	27.55	26.09	8
33.28	.589	34.11	32.30	8
40.17	.700	41.12	38.95	8
47.47	.815	48.51	45.96	8
63.18	1.029	64.37	61.10	8
89.23	1.614	90.76	86.09	7
140.11	.888	140.81	139.11	3
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

OXYGEN

PRESS	MEAN	S.D.	MAX	MIN	N
0	6.45	n/a	n/a	n/a	1
10	6.50	n/a	n/a	n/a	1
20	6.51	n/a	n/a	n/a	1
30	6.49	n/a	n/a	n/a	1
50	6.44	n/a	n/a	n/a	1
75	6.71	n/a	n/a	n/a	1
100	5.42	n/a	n/a	n/a	1
125	4.62	n/a	n/a	n/a	1
150	4.25	n/a	n/a	n/a	1
175	3.85	n/a	n/a	n/a	1
200	3.54	n/a	n/a	n/a	1
225	3.34	n/a	n/a	n/a	1
250	3.18	n/a	n/a	n/a	1
300	2.11	n/a	n/a	n/a	1
400	1.64	n/a	n/a	n/a	1
500	1.13	n/a	n/a	n/a	1
600	.87	n/a	n/a	n/a	1
700	.72	n/a	n/a	n/a	1
800	.59	n/a	n/a	n/a	1
900	.57	n/a	n/a	n/a	1
1000	.55	n/a	n/a	n/a	1
1200	.58	n/a	n/a	n/a	1
1500	.83	n/a	n/a	n/a	1
2000	1.44	n/a	n/a	n/a	1
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0
3500	n/a	n/a	n/a	n/a	0

SOUND

MEAN	S.D.	MAX	MIN	N
1491	4.4	1499	1484	8
1491	4.5	1499	1484	8
1491	4.4	1499	1484	8
1491	4.4	1499	1484	8
1490	4.6	1498	1484	8
1475	2.7	1478	1470	8
1472	2.2	1475	1468	8
1471	1.6	1473	1468	8
1472	.8	1473	1471	8
1472	.8	1473	1471	8
1472	.7	1473	1471	8
1471	.9	1473	1470	8
1471	1.0	1473	1470	8
1471	.8	1472	1470	8
1472	.4	1472	1471	8
1473	.4	1474	1473	8
1474	.0	1474	1474	8
1475	.0	1475	1475	8
1476	.0	1476	1476	8
1477	.0	1477	1477	8
1478	.0	1478	1478	8
1480	.0	1480	1480	8
1484	.4	1484	1483	7
1491	.6	1491	1490	3
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

DELTA DH

PRESS	MEAN	S.D.	MAX	MIN	N
0	11.931	.2549	12.478	11.630	8
10	11.618	.2319	12.118	11.351	8
20	11.307	.2091	11.760	11.072	8
30	10.994	.1875	11.401	10.793	8
50	10.370	.1415	10.682	10.235	8
75	9.718	.1165	9.959	9.573	8
100	9.187	.1054	9.374	9.000	8
125	8.724	.1190	8.892	8.494	8
150	8.330	.1396	8.504	8.075	8
175	7.982	.1478	8.155	7.713	8
200	7.651	.1459	7.819	7.384	8
225	7.333	.1430	7.493	7.069	8
250	7.023	.1393	7.173	6.762	8
300	6.423	.1302	6.555	6.179	8
400	5.300	.1109	5.406	5.097	8
500	4.255	.0853	4.337	4.097	8
600	3.291	.0631	3.347	3.170	8
700	2.392	.0438	2.431	2.305	8
800	1.549	.0278	1.574	1.492	8
900	.753	.0141	.767	.724	8
1000	.000	.0000	.000	.000	8
1200	-1.402	.0281	-1.351	-1.435	8
1500	-3.298	.0761	-3.171	-3.380	7
2000	-6.147	.0268	-6.126	-6.177	3
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0
3500	n/a	n/a	n/a	n/a	0

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TEMPERATURE

PRESS	MEAN	S.D.	MAX	MIN	N
0	9.07	1.011	10.05	7.14	7
10	9.00	.970	10.05	7.13	7
20	9.01	.973	10.05	7.13	7
30	9.01	.974	10.05	7.13	7
50	8.85	.918	10.06	7.15	7
75	6.83	.787	8.05	5.92	7
100	5.26	.370	5.77	4.76	7
125	4.93	.317	5.36	4.39	7
150	4.97	.374	5.67	4.60	7
175	4.75	.404	5.52	4.38	7
200	4.54	.390	5.27	4.19	7
225	4.36	.387	5.07	3.94	7
250	4.23	.362	4.92	3.81	7
300	4.09	.318	4.70	3.71	7
400	3.91	.195	4.25	3.67	7
500	3.76	.109	3.94	3.62	6
600	3.59	.087	3.74	3.52	6
700	3.40	.073	3.53	3.32	6
800	3.22	.049	3.30	3.16	6
900	3.06	.039	3.12	3.01	6
1000	2.92	.027	2.95	2.88	6
1200	2.65	.029	2.68	2.61	6
1500	2.35	.031	2.38	2.32	3
2000	1.97	.007	1.97	1.96	2
2500	1.74	n/a	n/a	n/a	1
3000	1.60	n/a	n/a	n/a	1
3500	1.53	n/a	n/a	n/a	1

SALINITY

MEAN	S.D.	MAX	MIN	N
32.587	.0867	32.720	32.482	7
32.584	.0821	32.710	32.481	7
32.582	.0811	32.704	32.478	7
32.585	.0822	32.700	32.476	7
32.604	.1018	32.770	32.477	7
32.696	.1211	32.853	32.513	7
32.879	.2011	33.279	32.683	7
33.143	.3081	33.695	32.818	7
33.568	.1988	33.795	33.282	7
33.747	.0856	33.838	33.581	7
33.792	.0584	33.866	33.689	7
33.818	.0486	33.865	33.720	7
33.840	.0389	33.868	33.757	7
33.901	.0280	33.920	33.839	7
34.017	.0203	34.046	33.996	7
34.117	.0208	34.144	34.091	6
34.196	.0230	34.235	34.165	6
34.256	.0258	34.304	34.230	6
34.307	.0197	34.342	34.289	6
34.348	.0149	34.374	34.334	6
34.381	.0152	34.398	34.359	6
34.444	.0144	34.466	34.426	6
34.511	.0119	34.525	34.499	3
34.585	.0090	34.587	34.582	2
34.632	n/a	n/a	n/a	1
34.661	n/a	n/a	n/a	1
34.701	n/a	n/a	n/a	1

SIGMA T

PRESS	MEAN	S.D.	MAX	MIN	N
0	25.239	.1896	25.630	25.082	7
10	25.247	.1863	25.623	25.081	7
20	25.245	.1858	25.618	25.077	7
30	25.246	.1856	25.615	25.076	7
50	25.287	.1856	25.606	25.076	7
75	25.650	.1981	25.892	25.339	7
100	25.989	.1726	26.280	25.776	7
125	26.235	.2387	26.634	25.990	7
150	26.567	.1422	26.724	26.382	7
175	26.733	.0596	26.797	26.633	7
200	26.791	.0384	26.838	26.738	7
225	26.831	.0341	26.875	26.775	7
250	26.863	.0305	26.902	26.810	7
300	26.926	.0278	26.949	26.871	7
400	27.037	.0291	27.070	26.989	7
500	27.131	.0257	27.159	27.092	6
600	27.211	.0256	27.248	27.171	6
700	27.277	.0253	27.319	27.244	6
800	27.335	.0189	27.368	27.316	6
900	27.382	.0143	27.407	27.365	6
1000	27.422	.0119	27.436	27.403	6
1200	27.495	.0108	27.510	27.481	6
1500	27.573	.0094	27.582	27.564	3
2000	27.664	.0048	27.665	27.662	2
2500	27.719	n/a	n/a	n/a	1
3000	27.753	n/a	n/a	n/a	1
3500	27.790	n/a	n/a	n/a	1

SVA

MEAN	S.D.	MAX	MIN	N
274.0	18.03	288.9	236.8	7
273.4	17.74	289.1	237.5	7
273.7	17.72	289.7	238.1	7
273.7	17.69	290.0	238.6	7
270.2	17.75	290.3	239.6	7
235.8	18.93	265.5	212.7	7
203.5	16.42	223.9	176.0	7
180.5	22.60	203.6	142.8	7
149.3	13.40	166.6	134.5	7
133.7	5.64	143.0	127.5	7
128.4	3.71	133.8	123.8	7
124.7	3.34	130.4	120.4	7
121.9	3.04	127.3	118.1	7
116.3	2.79	121.9	114.0	7
106.5	2.85	111.3	103.3	7
98.3	2.48	102.1	95.6	6
91.3	2.55	95.3	87.7	6
85.5	2.46	88.9	81.6	6
80.5	1.87	82.5	77.3	6
76.4	1.44	78.2	74.0	6
73.0	1.18	74.8	71.6	6
66.6	1.07	68.0	65.4	6
60.0	.82	60.9	59.3	3
52.2	.14	52.3	52.1	2
47.7	n/a	n/a	n/a	1
45.3	n/a	n/a	n/a	1
42.8	n/a	n/a	n/a	1

THETA

PRESS	MEAN	S.D.	MAX	MIN	N
0	9.07	1.011	10.05	7.14	7
10	9.00	.970	10.05	7.13	7
20	9.01	.973	10.05	7.13	7
30	9.01	.973	10.05	7.13	7
50	8.84	.918	10.05	7.14	7
75	6.82	.786	8.04	5.91	7
100	5.26	.367	5.76	4.75	7
125	4.93	.317	5.35	4.38	7
150	4.96	.375	5.66	4.59	7
175	4.73	.402	5.50	4.37	7
200	4.53	.386	5.25	4.18	7
225	4.35	.386	5.05	3.92	7
250	4.21	.362	4.90	3.79	7
300	4.07	.318	4.68	3.69	7
400	3.88	.192	4.22	3.65	7
500	3.73	.106	3.90	3.59	6
600	3.55	.088	3.70	3.48	6
700	3.35	.073	3.48	3.27	6
800	3.16	.046	3.24	3.11	6
900	3.00	.039	3.06	2.95	6
1000	2.84	.027	2.88	2.81	6
1200	2.57	.029	2.60	2.53	6
1500	2.25	.031	2.28	2.22	3
2000	1.83	.007	1.83	1.82	2
2500	1.56	n/a	n/a	n/a	1
3000	1.38	n/a	n/a	n/a	1
3500	1.26	n/a	n/a	n/a	1

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
274.0	18.03	288.9	236.8	7
273.2	17.72	288.9	237.4	7
273.3	17.68	289.3	237.8	7
273.2	17.66	289.4	238.1	7
269.3	17.66	289.3	238.9	7
234.7	18.81	264.3	211.8	7
202.5	16.38	222.8	174.9	7
179.2	22.66	202.4	141.3	7
147.6	13.51	165.2	132.7	7
131.9	5.61	141.3	125.8	7
126.3	3.64	131.4	121.9	7
122.5	3.24	127.8	118.3	7
119.5	2.90	124.5	115.8	7
113.5	2.61	118.7	111.3	7
102.9	3.71	107.4	99.8	7
93.9	3.39	97.6	91.3	6
86.3	3.42	90.0	82.8	6
79.9	2.39	83.1	76.9	6
74.4	1.79	76.2	71.3	6
69.9	1.37	71.5	67.6	6
66.1	1.19	67.9	64.7	6
59.1	1.08	60.5	57.7	6
51.6	.90	52.5	50.7	3
42.8	.14	42.9	42.7	2
35.3	n/a	n/a	n/a	1
33.9	n/a	n/a	n/a	1
30.0	n/a	n/a	n/a	1

STATION MP24 N O V E M B E R 1956 to 1990

DELTA D

PRESS	MEAN	S.D.	MAX	MIN	N
0	.000	.0000	.000	.000	7
10	.277	.0180	.290	.240	7
20	.547	.0340	.580	.480	7
30	.821	.0552	.870	.710	7
50	1.370	.0904	1.450	1.190	7
75	2.006	.1130	2.150	1.790	7
100	2.554	.1091	2.660	2.360	7
125	3.037	.1307	3.170	2.810	7
150	3.449	.1711	3.600	3.180	7
175	3.800	.1881	3.980	3.510	7
200	4.126	.1976	4.320	3.820	7
225	4.441	.2031	4.640	4.130	7
250	4.749	.2126	4.960	4.420	7
300	5.346	.2241	5.590	5.000	7
400	6.457	.2393	6.750	6.090	7
500	7.443	.2592	7.810	7.090	6
600	8.390	.2744	8.790	8.030	6
700	9.275	.2972	9.720	8.910	6
800	10.102	.3118	10.570	9.730	6
900	10.890	.3275	11.380	10.520	6
1000	11.635	.3340	12.130	11.260	6
1200	13.032	.3447	13.550	12.640	6
1500	14.967	.4796	15.480	14.530	3
2000	17.825	.7000	18.320	17.330	2
2500	19.840	n/a	n/a	n/a	1
3000	22.180	n/a	n/a	n/a	1
3500	24.390	n/a	n/a	n/a	1

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.00	.000	.00	.00	7
.01	.000	.01	.01	7
.06	.005	.06	.05	7
.13	.008	.13	.11	7
.35	.024	.37	.30	7
.75	.040	.81	.69	7
1.24	.049	1.30	1.17	7
1.79	.093	1.91	1.69	7
2.37	.159	2.54	2.19	7
2.95	.190	3.13	2.74	7
3.57	.208	3.78	3.35	7
4.26	.222	4.49	4.02	7
5.00	.236	5.27	4.74	7
6.67	.264	7.02	6.37	7
10.63	.330	11.16	10.24	7
15.28	.437	16.03	14.84	6
20.58	.555	21.54	20.04	6
26.42	.712	27.65	25.63	6
32.75	.855	34.18	31.70	6
39.57	.998	41.14	38.24	6
46.81	1.101	48.48	45.29	6
62.46	1.287	64.39	60.78	6
88.31	2.288	90.92	86.65	3
138.94	3.330	141.30	136.59	2
193.89	n/a	n/a	n/a	1
259.50	n/a	n/a	n/a	1
332.83	n/a	n/a	n/a	1

OXYGEN

PRESS	MEAN	S.D.	MAX	MIN	N
0	6.59	n/a	n/a	n/a	1
10	6.63	n/a	n/a	n/a	1
20	6.63	n/a	n/a	n/a	1
30	6.63	n/a	n/a	n/a	1
50	6.67	n/a	n/a	n/a	1
75	6.93	n/a	n/a	n/a	1
100	6.86	n/a	n/a	n/a	1
125	5.65	n/a	n/a	n/a	1
150	4.35	n/a	n/a	n/a	1
175	3.86	n/a	n/a	n/a	1
200	3.46	n/a	n/a	n/a	1
225	3.10	n/a	n/a	n/a	1
250	2.76	n/a	n/a	n/a	1
300	2.31	n/a	n/a	n/a	1
400	1.53	n/a	n/a	n/a	1
500	1.04	n/a	n/a	n/a	1
600	.81	n/a	n/a	n/a	1
700	.66	n/a	n/a	n/a	1
800	.61	n/a	n/a	n/a	1
900	.59	n/a	n/a	n/a	1
1000	.58	n/a	n/a	n/a	1
1200	.60	n/a	n/a	n/a	1
1500	.79	n/a	n/a	n/a	1
2000	1.31	n/a	n/a	n/a	1
2500	1.90	n/a	n/a	n/a	1
3000	2.69	n/a	n/a	n/a	1
3500	2.94	n/a	n/a	n/a	1

SOUND

MEAN	S.D.	MAX	MIN	N
1484	3.8	1488	1477	7
1484	3.6	1488	1477	7
1484	3.6	1488	1477	7
1484	3.7	1488	1477	7
1484	3.5	1488	1477	7
1477	2.9	1481	1473	7
1471	1.6	1473	1469	7
1470	1.5	1472	1468	7
1472	1.5	1474	1470	7
1471	1.5	1474	1470	7
1471	1.8	1474	1469	7
1470	1.5	1473	1469	7
1470	1.5	1473	1468	7
1471	1.4	1473	1469	7
1472	.8	1473	1471	7
1473	.6	1474	1472	6
1474	.0	1474	1474	6
1475	.4	1475	1474	6
1476	.0	1476	1476	6
1477	.0	1477	1477	6
1478	.0	1478	1478	6
1480	.0	1480	1480	6
1484	.0	1484	1484	3
1491	.0	1491	1491	2
1498	n/a	n/a	n/a	1
1506	n/a	n/a	n/a	1
1514	n/a	n/a	n/a	1

DELTA DH

PRESS	MEAN	S.D.	MAX	MIN	N
0	11.637	.3341	12.134	11.261	6
10	11.365	.3260	11.858	10.986	6
20	11.094	.3186	11.582	10.712	6
30	10.822	.3121	11.306	10.438	6
50	10.279	.3005	10.753	9.896	6
75	9.642	.2727	10.096	9.316	6
100	9.094	.2443	9.504	8.809	6
125	8.617	.2143	8.968	8.351	6
150	8.212	.1942	8.532	7.986	6
175	7.868	.1851	8.166	7.653	6
200	7.543	.1779	7.824	7.334	6
225	7.229	.1718	7.494	7.023	6
250	6.923	.1642	7.172	6.723	6
300	6.327	.1506	6.549	6.137	6
400	5.216	.1231	5.385	5.043	6
500	4.191	.0988	4.322	4.037	6
600	3.246	.0762	3.339	3.121	6
700	2.363	.0509	2.416	2.277	6
800	1.535	.0313	1.566	1.483	6
900	.747	.0125	.763	.728	6
1000	.000	.0000	.000	.000	6
1200	-1.396	.0215	-1.370	-1.424	6
1500	-3.283	.0601	-3.234	-3.350	3
2000	-6.128	.0785	-6.072	-6.183	2
2500	-8.573	n/a	n/a	n/a	1
3000	-10.914	n/a	n/a	n/a	1
3500	-13.129	n/a	n/a	n/a	1

STATION MP24 D E C E M B E R 1956 to 1990

TEMPERATURE

PRESS	MEAN	S.D.	MAX	MIN	N
0	7.54	.951	9.40	6.54	15
10	7.53	.952	9.39	6.54	15
20	7.53	.952	9.37	6.54	15
30	7.53	.949	9.37	6.54	15
50	7.51	.957	9.36	6.54	15
75	7.22	.988	9.34	6.07	15
100	5.72	.912	8.24	4.56	15
125	4.90	.417	5.58	4.34	15
150	4.81	.388	5.47	4.04	15
175	4.76	.434	5.19	3.85	15
200	4.61	.401	4.99	3.77	15
225	4.42	.331	4.83	3.75	15
250	4.29	.273	4.67	3.73	15
300	4.12	.187	4.40	3.72	15
400	3.90	.120	4.20	3.75	13
500	3.75	.078	3.93	3.68	12
600	3.58	.065	3.73	3.52	12
700	3.41	.062	3.52	3.34	12
800	3.24	.059	3.35	3.16	12
900	3.07	.053	3.17	2.99	12
1000	2.92	.043	3.00	2.85	12
1200	2.65	.050	2.73	2.56	12
1500	2.35	.017	2.37	2.33	6
2000	1.96	n/a	n/a	n/a	1
2500	1.73	n/a	n/a	n/a	1
3000	1.58	n/a	n/a	n/a	1
3500	1.52	n/a	n/a	n/a	1

SALINITY

MEAN	S.D.	MAX	MIN	N
32.618	.0835	32.790	32.500	15
32.620	.0827	32.790	32.500	15
32.625	.0825	32.790	32.500	15
32.623	.0842	32.790	32.500	15
32.624	.0849	32.790	32.500	15
32.648	.0891	32.790	32.510	15
32.828	.1268	33.147	32.654	15
33.226	.2039	33.557	32.916	15
33.593	.1334	33.799	33.384	15
33.751	.0671	33.842	33.595	15
33.797	.0476	33.856	33.692	15
33.828	.0356	33.870	33.742	15
33.852	.0267	33.880	33.785	15
33.900	.0220	33.920	33.848	15
34.011	.0205	34.042	33.968	13
34.106	.0209	34.136	34.067	12
34.177	.0199	34.202	34.146	12
34.241	.0158	34.268	34.219	12
34.293	.0143	34.319	34.265	12
34.335	.0159	34.363	34.308	12
34.375	.0162	34.403	34.349	12
34.437	.0160	34.462	34.414	12
34.498	.0150	34.517	34.474	6
34.576	n/a	n/a	n/a	1
34.624	n/a	n/a	n/a	1
34.651	n/a	n/a	n/a	1
34.662	n/a	n/a	n/a	1

SIGMA T

PRESS	MEAN	S.D.	MAX	MIN	N
0	25.491	.1666	25.743	25.209	15
10	25.492	.1653	25.744	25.218	15
20	25.497	.1636	25.744	25.231	15
30	25.495	.1629	25.746	25.231	15
50	25.499	.1647	25.748	25.231	15
75	25.557	.1720	25.808	25.250	15
100	25.892	.1836	26.215	25.520	15
125	26.304	.1672	26.528	25.984	15
150	26.605	.0923	26.733	26.426	15
175	26.735	.0359	26.799	26.665	15
200	26.788	.0309	26.841	26.729	15
225	26.833	.0269	26.881	26.785	15
250	26.866	.0245	26.902	26.810	15
300	26.922	.0217	26.946	26.870	15
400	27.033	.0235	27.063	26.988	13
500	27.124	.0221	27.153	27.087	12
600	27.197	.0203	27.221	27.160	12
700	27.264	.0161	27.285	27.236	12
800	27.322	.0140	27.343	27.291	12
900	27.370	.0158	27.394	27.341	12
1000	27.416	.0151	27.440	27.388	12
1200	27.489	.0145	27.514	27.467	12
1500	27.563	.0120	27.577	27.544	6
2000	27.658	n/a	n/a	n/a	1
2500	27.714	n/a	n/a	n/a	1
3000	27.746	n/a	n/a	n/a	1
3500	27.759	n/a	n/a	n/a	1

SVA

MEAN	S.D.	MAX	MIN	N
250.0	15.85	276.8	226.0	15
250.0	15.73	276.1	226.1	15
249.7	15.60	275.0	226.1	15
250.0	15.53	275.2	226.1	15
249.9	15.75	275.5	226.2	15
244.7	16.50	274.2	220.6	15
212.9	17.57	248.7	182.2	15
173.9	15.87	204.4	152.7	15
145.6	8.73	162.6	133.4	15
133.9	3.81	140.3	127.4	15
128.7	3.02	134.4	123.5	15
124.6	2.65	129.3	119.9	15
121.6	2.43	127.1	118.1	15
116.7	2.14	121.7	114.4	15
106.8	2.33	111.4	104.0	13
99.0	2.14	102.6	96.2	12
92.7	1.99	96.3	90.3	12
86.8	1.58	89.6	84.8	12
81.8	1.44	84.9	79.8	12
77.6	1.58	80.5	75.4	12
73.6	1.45	76.4	71.3	12
67.2	1.38	69.5	64.7	12
60.9	1.16	62.7	59.6	6
52.7	n/a	n/a	n/a	1
48.1	n/a	n/a	n/a	1
45.7	n/a	n/a	n/a	1
45.5	n/a	n/a	n/a	1

THETA

PRESS	MEAN	S.D.	MAX	MIN	N
0	7.54	.951	9.40	6.54	15
10	7.53	.952	9.39	6.54	15
20	7.53	.952	9.37	6.54	15
30	7.53	.949	9.37	6.54	15
50	7.51	.955	9.35	6.53	15
75	7.21	.989	9.33	6.06	15
100	5.71	.912	8.23	4.55	15
125	4.89	.417	5.57	4.33	15
150	4.80	.388	5.46	4.03	15
175	4.75	.436	5.17	3.93	15
200	4.59	.399	4.97	3.76	15
225	4.41	.330	4.81	3.73	15
250	4.27	.271	4.65	3.71	15
300	4.10	.186	4.38	3.70	15
400	3.87	.120	4.17	3.72	13
500	3.72	.078	3.89	3.64	12
600	3.54	.065	3.69	3.48	12
700	3.36	.059	3.47	3.29	12
800	3.18	.058	3.29	3.10	12
900	3.01	.052	3.10	2.93	12
1000	2.85	.044	2.94	2.78	12
1200	2.57	.050	2.65	2.48	12
1500	2.25	.017	2.27	2.23	6
2000	1.82	n/a	n/a	n/a	1
2500	1.55	n/a	n/a	n/a	1
3000	1.36	n/a	n/a	n/a	1
3500	1.25	n/a	n/a	n/a	1

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
250.0	15.85	276.8	226.0	15
249.8	15.72	275.9	225.9	15
249.4	15.57	274.7	225.8	15
249.5	15.48	274.6	225.7	15
249.2	15.65	274.6	225.5	15
243.6	16.35	272.8	219.7	15
211.8	17.43	247.0	181.1	15
172.6	15.88	203.0	151.3	15
144.1	9.76	161.0	131.9	15
131.7	3.77	138.3	125.6	15
126.6	2.92	132.2	121.6	15
122.3	2.54	126.9	117.8	15
119.2	2.31	124.5	115.8	15
113.9	2.04	118.7	111.6	15
103.2	2.24	107.5	100.4	13
94.6	2.08	98.1	91.9	12
87.7	1.94	91.1	85.3	12
81.2	1.53	83.9	79.2	12
75.7	1.35	78.6	73.7	12
71.0	1.51	73.8	68.8	12
66.7	1.41	69.4	64.4	12
59.6	1.33	61.7	57.3	12
52.5	1.16	54.4	51.2	6
43.4	n/a	n/a	n/a	1
37.8	n/a	n/a	n/a	1
34.5	n/a	n/a	n/a	1
33.0	n/a	n/a	n/a	1

STATION MP24 D E C E M B E R 1956 to 1990

DELTA D

PRESS	MEAN	S.D.	MAX	MIN	N
0	.000	.0000	.000	.000	15
10	.251	.0164	.280	.230	15
20	.500	.0307	.550	.450	15
30	.751	.0483	.830	.680	15
50	1.251	.0789	1.380	1.130	15
75	1.875	.1170	2.080	1.710	15
100	2.448	.1428	2.690	2.210	15
125	2.932	.1664	3.240	2.630	15
150	3.327	.1851	3.690	2.990	15
175	3.673	.1946	4.050	3.320	15
200	4.001	.1995	4.380	3.640	15
225	4.317	.2033	4.700	3.950	15
250	4.625	.2055	5.010	4.260	15
300	5.220	.2118	5.610	4.840	15
400	6.303	.2029	6.630	5.950	13
500	7.328	.2227	7.640	6.970	12
600	8.285	.2334	8.580	7.910	12
700	9.183	.2451	9.510	8.790	12
800	10.025	.2522	10.370	9.630	12
900	10.820	.2617	11.190	10.420	12
1000	11.576	.2740	11.980	11.170	12
1200	12.982	.2915	13.440	12.540	12
1500	15.008	.1950	15.260	14.770	6
2000	17.700	n/a	n/a	n/a	1
2500	20.220	n/a	n/a	n/a	1
3000	22.560	n/a	n/a	n/a	1
3500	24.850	n/a	n/a	n/a	1

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.00	.000	.00	.00	15
.01	.000	.01	.01	15
.05	.004	.06	.05	15
.11	.008	.13	.10	15
.32	.019	.35	.29	15
.72	.044	.80	.66	15
1.23	.072	1.37	1.11	15
1.78	.105	2.00	1.58	15
2.33	.142	2.63	2.08	15
2.91	.161	3.22	2.63	15
3.53	.170	3.85	3.25	15
4.22	.181	4.54	3.93	15
4.96	.190	5.29	4.66	15
6.63	.209	6.98	6.29	15
10.58	.241	10.88	10.19	13
15.28	.343	15.80	14.76	12
20.64	.435	21.36	19.97	12
26.58	.537	27.51	25.77	12
33.02	.535	34.16	32.08	12
39.91	.746	41.30	38.81	12
47.32	.875	48.83	45.94	12
62.95	1.172	65.02	61.16	12
89.80	1.194	91.98	88.48	6
139.00	n/a	n/a	n/a	1
196.71	n/a	n/a	n/a	1
262.18	n/a	n/a	n/a	1
338.09	n/a	n/a	n/a	1

OXYGEN

PRESS	MEAN	S.D.	MAX	MIN	N
0	n/a	n/a	n/a	n/a	0
10	n/a	n/a	n/a	n/a	0
20	n/a	n/a	n/a	n/a	0
30	n/a	n/a	n/a	n/a	0
50	n/a	n/a	n/a	n/a	0
75	n/a	n/a	n/a	n/a	0
100	n/a	n/a	n/a	n/a	0
125	n/a	n/a	n/a	n/a	0
150	n/a	n/a	n/a	n/a	0
175	n/a	n/a	n/a	n/a	0
200	n/a	n/a	n/a	n/a	0
225	n/a	n/a	n/a	n/a	0
250	n/a	n/a	n/a	n/a	0
300	n/a	n/a	n/a	n/a	0
400	n/a	n/a	n/a	n/a	0
500	n/a	n/a	n/a	n/a	0
600	n/a	n/a	n/a	n/a	0
700	n/a	n/a	n/a	n/a	0
800	n/a	n/a	n/a	n/a	0
900	n/a	n/a	n/a	n/a	0
1000	n/a	n/a	n/a	n/a	0
1200	n/a	n/a	n/a	n/a	0
1500	n/a	n/a	n/a	n/a	0
2000	n/a	n/a	n/a	n/a	0
2500	n/a	n/a	n/a	n/a	0
3000	n/a	n/a	n/a	n/a	0
3500	n/a	n/a	n/a	n/a	0

SOUND

MEAN	S.D.	MAX	MIN	N
1478	3.7	1485	1474	15
1478	3.7	1485	1474	15
1478	3.6	1485	1474	15
1479	3.5	1486	1475	15
1479	3.7	1486	1475	15
1478	3.8	1486	1474	15
1473	3.7	1483	1468	15
1470	1.8	1473	1468	15
1471	1.8	1474	1467	15
1471	2.0	1473	1467	15
1471	1.8	1473	1467	15
1471	1.4	1472	1468	15
1471	1.1	1472	1468	15
1471	.9	1472	1469	15
1472	.6	1473	1471	13
1473	.5	1473	1472	12
1474	.0	1474	1474	12
1475	.4	1475	1474	12
1476	.4	1476	1475	12
1477	.3	1477	1476	12
1478	.0	1478	1478	12
1480	.0	1480	1480	12
1484	.0	1484	1484	6
1491	n/a	n/a	n/a	1
1498	n/a	n/a	n/a	1
1506	n/a	n/a	n/a	1
1514	n/a	n/a	n/a	1

DELTA DH

PRESS	MEAN	S.D.	MAX	MIN	N
0	11.575	.2722	11.978	11.173	12
10	11.327	.2629	11.716	10.940	12
20	11.079	.2542	11.453	10.696	12
30	10.831	.2461	11.191	10.452	12
50	10.335	.2310	10.667	9.966	12
75	9.714	.2134	10.072	9.372	12
100	9.147	.1868	9.474	8.848	12
125	8.670	.1663	8.968	8.407	12
150	8.281	.1511	8.560	8.059	12
175	7.936	.1445	8.207	7.734	12
200	7.609	.1395	7.874	7.422	12
225	7.293	.1343	7.550	7.116	12
250	6.985	.1289	7.235	6.818	12
300	6.390	.1194	6.623	6.238	12
400	5.274	.1015	5.468	5.143	12
500	4.247	.0793	4.395	4.146	12
600	3.290	.0599	3.401	3.208	12
700	2.393	.0425	2.473	2.332	12
800	1.550	.0286	1.603	1.508	12
900	.755	.0151	.786	.733	12
1000	.000	.0000	.000	.000	12
1200	-1.404	.0298	-1.358	-1.457	12
1500	-3.338	.0437	-3.286	-3.407	6
2000	-6.123	n/a	n/a	n/a	1
2500	-8.641	n/a	n/a	n/a	1
3000	-10.979	n/a	n/a	n/a	1
3500	-13.271	n/a	n/a	n/a	1

Table 26. As in Table 6, for Station 12 (P24).

Table 26: STATION MP24 A L L D A T A (JANUARY-DECEMBER) 1956 to 1990

TEMPERATURE

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
25.00	10.29	.433	11.29	9.51	50
25.20	9.22	.415	10.29	8.30	65
25.40	8.13	.445	9.32	7.14	83
25.60	6.90	.408	8.01	6.05	122
25.80	5.87	.384	6.66	4.85	161
26.00	5.24	.425	6.46	4.15	177
26.20	5.05	.416	6.43	4.02	177
26.40	5.00	.399	6.41	4.16	177
26.60	4.96	.418	6.22	3.94	176
26.80	4.56	.327	5.38	3.77	176
27.00	3.96	.132	4.32	3.59	170
27.10	3.81	.070	4.00	3.60	154
27.20	3.59	.051	3.80	3.45	152
27.30	3.31	.045	3.51	3.20	153
27.40	2.98	.043	3.19	2.87	152
27.50	2.61	.050	2.78	2.46	133
27.60	2.21	.068	2.40	2.08	22
27.70	1.82	.060	1.95	1.74	8
27.75	1.59	.026	1.62	1.56	7
27.76	1.56	.026	1.59	1.52	6

SALINITY

MEAN	S.D.	MAX	MIN	N
32.570	.0892	32.809	32.392	50
32.591	.0833	32.825	32.436	65
32.624	.0818	32.840	32.479	83
32.650	.0723	32.840	32.512	122
32.733	.0598	32.860	32.580	161
32.895	.0634	33.083	32.740	177
33.119	.0597	33.334	32.978	177
33.365	.0570	33.581	33.248	177
33.611	.0593	33.801	33.471	176
33.806	.0443	33.923	33.701	176
33.979	.0159	34.025	33.934	170
34.085	.0083	34.109	34.059	154
34.183	.0068	34.209	34.165	152
34.275	.0055	34.298	34.261	153
34.362	.0055	34.386	34.349	152
34.447	.0053	34.465	34.431	133
34.533	.0062	34.549	34.520	22
34.617	.0015	34.628	34.608	8
34.657	.0000	34.660	34.654	7
34.667	.0000	34.670	34.663	6

DEPTH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
25.00	35	10.2	60	16	50
25.20	39	12.5	67	2	65
25.40	46	18.1	97	1	83
25.60	60	22.4	110	4	122
25.80	83	22.9	121	6	161
26.00	108	14.0	142	71	177
26.20	120	14.3	152	71	177
26.40	131	15.3	168	72	177
26.60	149	16.3	190	107	176
26.80	211	21.3	263	155	176
27.00	371	25.8	430	270	170
27.10	473	29.1	552	348	154
27.20	598	27.8	658	535	152
27.30	749	30.9	811	662	153
27.40	949	33.4	1039	870	152
27.50	1218	46.0	1339	1095	133
27.60	1627	91.3	1773	1427	22
27.70	2283	132.4	2391	1970	8
27.75	2998	102.7	3118	2870	7
27.76	3204	175.1	3481	3056	6

SVA

MEAN	S.D.	MAX	MIN	N
297.2	.19	297.7	296.7	50
278.2	.21	278.7	277.6	65
259.2	.27	260.2	258.6	83
240.3	.28	241.1	239.6	122
221.5	.25	222.0	220.6	161
202.6	.15	203.0	202.2	177
183.7	.15	184.1	183.2	177
164.9	.17	165.3	164.4	177
146.1	.20	146.7	145.7	176
127.7	.27	128.5	127.1	176
109.8	.28	110.7	108.8	170
101.1	.27	101.8	100.0	154
92.4	.23	92.9	91.9	152
83.6	.20	84.1	83.2	153
75.0	.18	75.4	74.6	152
66.3	.18	66.8	65.8	133
57.9	.31	58.4	57.1	22
49.4	.31	49.7	48.8	8
45.7	.24	46.1	45.5	7
45.2	.25	45.5	45.0	6

THETA

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
25.00	10.29	.433	11.29	9.51	50
25.20	9.22	.415	10.28	8.29	65
25.40	8.12	.446	9.32	7.14	83
25.60	6.89	.408	8.01	6.05	122
25.80	5.86	.383	6.65	4.85	161
26.00	5.23	.426	6.45	4.14	177
26.20	5.04	.416	6.42	4.01	177
26.40	4.99	.399	6.40	4.15	177
26.60	4.95	.418	6.21	3.93	176
26.80	4.55	.326	5.36	3.75	176
27.00	3.93	.131	4.29	3.57	170
27.10	3.77	.068	3.97	3.57	154
27.20	3.55	.051	3.76	3.41	152
27.30	3.26	.046	3.45	3.14	153
27.40	2.92	.045	3.12	2.80	152
27.50	2.53	.052	2.70	2.38	133
27.60	2.10	.073	2.30	1.96	22
27.70	1.66	.069	1.81	1.57	8
27.75	1.37	.033	1.41	1.33	7
27.76	1.31	.042	1.35	1.25	6

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
293.8	2.92	296.6	282.8	50
275.5	2.46	277.5	264.2	65
257.2	1.82	258.5	247.9	83
238.9	1.02	239.6	233.6	122
220.2	.40	220.6	218.3	161
201.1	.47	201.5	199.4	177
182.2	.35	182.5	180.9	177
163.2	.27	163.5	162.2	177
144.4	.12	144.5	143.9	176
125.4	.05	125.5	125.3	176
106.3	.11	106.4	106.0	170
96.8	.06	96.9	96.6	154
87.3	.04	87.4	87.2	152
77.7	.05	77.8	77.7	153
68.2	.04	68.2	68.1	152
58.6	.07	58.7	58.3	133
48.7	.15	49.0	48.5	22
39.1	.10	39.3	39.0	8
34.0	.05	34.1	34.0	7
33.0	.12	33.1	32.8	6

STATION MP24 A L L D A T A (JANUARY-DECEMBER) 1956 to 1990

DELTA D

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
25.00	1.185	.3643	2.130	.470	50
25.20	1.257	.4198	2.250	.050	65
25.40	1.389	.5410	2.620	.020	83
25.60	1.662	.6103	2.860	.100	122
25.80	2.138	.5941	3.150	.130	161
26.00	2.639	.3700	3.530	1.540	177
26.20	2.874	.3787	3.990	1.790	177
26.40	3.075	.3973	4.230	1.960	177
26.60	3.344	.4143	4.510	2.180	176
26.80	4.188	.4593	5.250	2.930	176
27.00	6.079	.4953	7.200	4.890	170
27.10	7.155	.5298	8.320	5.700	154
27.20	8.371	.5113	9.430	7.240	152
27.30	9.714	.5249	10.820	8.510	153
27.40	11.313	.5362	12.570	10.060	152
27.50	13.230	.6005	14.590	11.670	133
27.60	15.978	.8528	17.250	14.120	22
27.70	19.482	.7188	20.200	18.090	8
27.75	22.906	.5227	23.450	22.010	7
27.76	23.845	.8157	25.010	22.640	6

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.23	.132	.65	.04	50
.27	.158	.72	.00	65
.36	.250	1.30	.00	83
.56	.346	1.53	.00	122
.94	.419	1.79	.00	161
1.41	.342	2.27	.56	177
1.69	.376	2.69	.66	177
1.95	.430	3.08	.66	177
2.34	.495	3.65	1.14	176
3.90	.745	5.68	2.05	176
9.54	1.308	12.74	5.75	170
14.25	1.761	19.31	8.33	154
20.93	2.045	25.75	16.48	152
30.22	2.608	35.45	23.76	153
44.16	3.282	52.75	36.79	152
65.46	4.977	78.91	53.44	133
103.36	10.940	121.45	80.31	22
174.59	15.592	190.13	138.46	8
268.62	15.019	285.89	251.04	7
299.39	27.666	343.97	273.76	6

DELTA DH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
25.00	10.696	.2762	11.275	10.048	43
25.20	10.595	.3444	11.287	9.776	55
25.40	10.463	.4474	11.789	9.593	71
25.60	10.070	.4759	11.504	9.134	103
25.80	9.540	.4496	10.889	8.726	138
26.00	9.026	.2235	10.025	8.519	153
26.20	8.795	.2281	10.016	8.336	153
26.40	8.596	.2378	10.007	8.126	153
26.60	8.331	.2102	8.791	7.861	152
26.80	7.475	.1917	8.020	6.956	152
27.00	5.547	.1878	5.967	5.074	152
27.10	4.460	.2043	4.904	3.818	152
27.20	3.252	.2017	3.694	2.781	152
27.30	1.909	.2272	2.545	1.459	153
27.40	.310	.2477	.887	-0.376	152
27.50	-1.603	.3381	-0.720	-2.525	133
27.60	-4.169	.6321	-2.794	-5.191	22
27.70	-7.717	.7090	-6.051	-8.398	8
27.75	-11.182	.4942	-10.597	-11.734	7
27.76	-12.120	.8228	-11.373	-13.434	6

ACC. POT.

MEAN	S.D.	MAX	MIN	N
11.765	.2321	12.152	11.302	43
11.689	.2180	12.092	11.247	55
11.617	.2244	12.036	11.000	71
11.530	.2349	12.040	10.829	103
11.386	.2258	11.841	10.791	138
11.190	.2182	11.716	10.702	153
10.976	.2034	11.441	10.543	153
10.742	.1910	11.192	10.329	153
10.481	.1748	10.859	10.099	152
10.169	.1567	10.510	9.828	152
9.659	.1215	9.913	9.373	152
9.288	.0989	9.494	9.055	152
8.819	.0753	8.967	8.628	152
8.230	.0500	8.328	8.099	153
7.490	.0224	7.539	7.435	152
6.549	.0182	6.596	6.474	133
5.352	.0692	5.499	5.147	22
3.709	.0985	3.830	3.506	8
2.736	.0928	2.870	2.619	7
2.589	.0809	2.672	2.490	6

OXYGEN

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
25.00	6.44	.956	7.15	5.07	4
25.20	6.57	.829	7.30	4.98	6
25.40	6.99	.874	7.38	4.90	6
25.60	6.70	.883	7.54	4.83	7
25.80	6.69	.782	7.39	4.80	9
26.00	6.41	.588	7.10	5.39	9
26.20	5.90	.421	6.46	5.31	9
26.40	5.26	.369	5.70	4.62	9
26.60	4.53	.359	5.00	3.96	9
26.80	3.35	.308	3.81	2.85	9
27.00	1.67	.183	1.92	1.33	9
27.10	1.12	.121	1.34	.91	9
27.20	.84	.125	1.06	.66	8
27.30	.64	.065	.77	.58	8
27.40	.54	.051	.62	.47	8
27.50	.61	.042	.66	.53	7
27.60	.97	.077	1.07	.87	6
27.70	1.77	.079	1.87	1.70	4
27.75	2.64	.050	2.71	2.60	4
27.76	2.78	.040	2.82	2.74	3

SOUND

MEAN	S.D.	MAX	MIN	N
1489	1.7	1493	1486	50
1485	.6	1489	1482	65
1481	1.7	1486	1477	83
1477	1.7	1481	1473	122
1473	1.7	1477	1467	161
1471	1.8	1476	1466	177
1471	1.7	1476	1466	177
1471	1.7	1476	1467	177
1471	1.8	1477	1467	176
1471	1.5	1475	1467	176
1471	.9	1474	1469	170
1473	.7	1474	1470	154
1474	.6	1475	1473	152
1475	.6	1476	1474	153
1477	.6	1479	1476	152
1480	.7	1482	1479	133
1486	1.3	1488	1483	22
1495	2.3	1497	1490	8
1507	1.7	1509	1505	7
1510	2.9	1515	1508	6

Table 27. As in Table 7, for Station 12 (P24).

Table 27: STATION MP24 J A N U A R Y 1956 to 1990

TEMPERATURE

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	n/a	n/a	n/a	n/a	0
25.60	6.58	.446	7.48	6.11	8
25.80	5.97	.376	6.66	5.41	11
26.00	5.43	.458	6.03	4.64	12
26.20	5.02	.571	5.72	4.23	12
26.40	4.84	.518	5.54	4.16	12
26.60	4.80	.452	5.55	4.07	12
26.80	4.54	.380	5.36	3.93	12
27.00	3.94	.138	4.11	3.69	11
27.10	3.79	.097	3.88	3.61	10
27.20	3.58	.061	3.68	3.48	10
27.30	3.31	.051	3.38	3.21	11
27.40	2.98	.049	3.08	2.92	10
27.50	2.63	.077	2.78	2.55	7
27.60	2.40	n/a	n/a	n/a	1
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

SALINITY

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	n/a	n/a	n/a	n/a	0
25.60	32.569	.0766	32.746	32.512	8
25.80	32.755	.0599	32.860	32.664	11
26.00	32.926	.0689	33.009	32.806	12
26.20	33.117	.0827	33.215	33.003	12
26.40	33.344	.0718	33.440	33.248	12
26.60	33.588	.0632	33.695	33.489	12
26.80	33.803	.0524	33.920	33.721	12
27.00	33.975	.0171	33.998	33.943	11
27.10	34.082	.0109	34.094	34.062	10
27.20	34.182	.0074	34.195	34.170	10
27.30	34.274	.0041	34.283	34.263	11
27.40	34.362	.0041	34.373	34.355	10
27.50	34.449	.0078	34.465	34.440	7
27.60	34.549	n/a	n/a	n/a	1
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

DEPTH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	n/a	n/a	n/a	n/a	0
25.60	84	32.5	110	7	8
25.80	100	8.9	114	87	11
26.00	106	8.8	120	93	12
26.20	116	9.2	130	101	12
26.40	127	9.0	140	113	12
26.60	143	10.9	158	125	12
26.80	202	26.0	253	160	12
27.00	365	32.8	427	319	11
27.10	470	38.7	552	424	10
27.20	593	38.0	658	541	10
27.30	744	39.4	797	685	11
27.40	939	42.3	1008	877	10
27.50	1191	45.7	1257	1105	7
27.60	1497	n/a	n/a	n/a	1
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

SVA

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	n/a	n/a	n/a	n/a	0
25.60	240.6	.40	241.0	239.7	8
25.80	221.7	.14	222.0	221.5	11
26.00	202.6	.15	203.0	202.5	12
26.20	183.7	.17	184.0	183.4	12
26.40	164.8	.18	165.1	164.5	12
26.60	146.0	.20	146.4	145.7	12
26.80	127.6	.36	128.4	127.1	12
27.00	109.7	.34	110.4	109.3	11
27.10	101.0	.37	101.8	100.6	10
27.20	92.3	.31	92.9	91.9	10
27.30	83.6	.28	84.0	83.2	11
27.40	74.9	.22	75.2	74.6	10
27.50	66.1	.10	66.3	66.0	7
27.60	57.8	n/a	n/a	n/a	1
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

THETA

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	n/a	n/a	n/a	n/a	0
25.60	6.57	.446	7.47	6.10	8
25.80	5.96	.375	6.65	5.41	11
26.00	5.42	.459	6.02	4.63	12
26.20	5.01	.571	5.71	4.22	12
26.40	4.83	.518	5.53	4.15	12
26.60	4.79	.451	5.53	4.06	12
26.80	4.52	.379	5.34	3.91	12
27.00	3.91	.138	4.08	3.66	11
27.10	3.75	.094	3.84	3.58	10
27.20	3.54	.062	3.65	3.44	10
27.30	3.25	.051	3.33	3.16	11
27.40	2.92	.051	3.02	2.85	10
27.50	2.55	.078	2.70	2.47	7
27.60	2.30	n/a	n/a	n/a	1
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

SVA (THETA)

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	n/a	n/a	n/a	n/a	0
25.60	239.2	.49	239.5	238.0	8
25.80	219.8	.79	220.5	218.3	11
26.00	200.8	.67	201.5	199.4	12
26.20	182.2	.40	182.5	181.2	12
26.40	163.2	.33	163.5	162.4	12
26.60	144.4	.10	144.5	144.1	12
26.80	125.5	.05	125.5	125.4	12
27.00	106.3	.09	106.4	106.2	11
27.10	96.8	.08	96.9	96.7	10
27.20	87.3	.05	87.3	87.2	10
27.30	77.8	.05	77.8	77.7	11
27.40	68.2	.03	68.2	68.1	10
27.50	58.6	.04	58.6	58.5	7
27.60	49.0	n/a	n/a	n/a	1
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

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DELTA D

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	n/a	n/a	n/a	n/a	0
25.60	2.084	.8048	2.700	.170	8
25.80	2.447	.2526	2.820	2.010	11
26.00	2.552	.2830	2.990	2.030	12
26.20	2.728	.2851	3.190	2.210	12
26.40	2.923	.2753	3.350	2.410	12
26.60	3.179	.2933	3.560	2.620	12
26.80	3.970	.4961	4.830	3.160	12
27.00	5.885	.5786	6.980	5.040	11
27.10	6.990	.6566	8.320	5.130	10
27.20	8.185	.6475	9.350	7.240	10
27.30	9.543	.6393	10.500	8.510	11
27.40	11.083	.6488	12.030	10.060	10
27.50	12.800	.6943	13.680	11.670	7
27.60	14.120	n/a	n/a	n/a	1
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
1.01	.465	1.53	.01	8
1.26	.237	1.63	.90	11
1.39	.261	1.81	.96	12
1.59	.283	2.07	1.15	12
1.83	.289	2.30	1.37	12
2.19	.346	2.60	1.62	12
3.62	.878	5.37	2.31	12
9.21	1.885	12.59	5.90	11
14.00	2.440	19.31	11.15	10
20.52	2.833	25.75	16.85	10
29.78	3.375	34.28	24.87	11
43.21	4.175	49.11	37.25	10
62.51	5.054	69.82	53.68	7
86.45	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

DELTA DH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	n/a	n/a	n/a	n/a	0
25.60	9.776	.7787	11.358	9.351	6
25.80	9.139	.1417	9.352	8.923	9
26.00	8.966	.1387	9.163	8.743	10
26.20	8.782	.1749	8.974	8.443	10
26.40	8.587	.1843	8.818	8.264	10
26.60	8.334	.1854	8.574	8.076	10
26.80	7.583	.1668	7.848	7.280	10
27.00	5.596	.2402	5.967	5.158	10
27.10	4.473	.2899	4.854	3.818	10
27.20	3.277	.2757	3.641	2.781	10
27.30	1.944	.2893	2.366	1.531	11
27.40	.378	.3111	.823	-0.136	10
27.50	-1.407	.3286	-0.790	-1.878	7
27.60	-3.243	n/a	n/a	n/a	1
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

ACC. POT.

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
11.649	.2146	12.024	11.463	6
11.331	.2640	11.817	10.940	9
11.097	.2670	11.595	10.746	10
10.889	.2537	11.357	10.561	10
10.663	.2419	11.100	10.356	10
10.414	.2311	10.827	10.128	10
10.116	.2144	10.504	9.862	10
9.624	.1651	9.908	9.414	10
9.260	.1331	9.478	9.087	10
8.796	.1003	8.945	8.660	10
8.218	.0635	8.298	8.127	11
7.482	.0303	7.523	7.441	10
6.553	.0204	6.586	6.525	7
5.499	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

OXYGEN

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	n/a	n/a	n/a	n/a	0
25.60	n/a	n/a	n/a	n/a	0
25.80	n/a	n/a	n/a	n/a	0
26.00	n/a	n/a	n/a	n/a	0
26.20	n/a	n/a	n/a	n/a	0
26.40	n/a	n/a	n/a	n/a	0
26.60	n/a	n/a	n/a	n/a	0
26.80	n/a	n/a	n/a	n/a	0
27.00	n/a	n/a	n/a	n/a	0
27.10	n/a	n/a	n/a	n/a	0
27.20	n/a	n/a	n/a	n/a	0
27.30	n/a	n/a	n/a	n/a	0
27.40	n/a	n/a	n/a	n/a	0
27.50	n/a	n/a	n/a	n/a	0
27.60	n/a	n/a	n/a	n/a	0
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

SOUND

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
1476	2.1	1480	1473	8
1474	1.7	1477	1471	11
1472	2.2	1475	1468	12
1470	2.4	1474	1467	12
1470	2.3	1473	1467	12
1471	1.9	1474	1468	12
1471	1.9	1475	1468	12
1471	1.9	1473	1470	11
1473	.8	1474	1471	10
1474	.7	1475	1473	10
1475	.7	1476	1474	11
1477	.6	1478	1476	10
1480	.6	1481	1479	7
1484	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

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TEMPERATURE

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	n/a	n/a	n/a	n/a	0
25.60	6.95	n/a	n/a	n/a	1
25.80	5.96	.455	6.64	5.66	4
26.00	5.38	.531	6.30	4.46	8
26.20	5.19	.477	6.01	4.39	8
26.40	5.05	.515	6.04	4.29	8
26.60	4.96	.523	5.96	4.21	8
26.80	4.58	.312	5.13	4.00	8
27.00	3.97	.142	4.18	3.69	8
27.10	3.79	.095	3.91	3.61	8
27.20	3.56	.057	3.66	3.48	8
27.30	3.28	.024	3.32	3.25	8
27.40	2.97	.032	3.01	2.92	8
27.50	2.61	.036	2.67	2.55	7
27.60	n/a	n/a	n/a	n/a	0
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

SALINITY

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	n/a	n/a	n/a	n/a	0
25.60	32.650	n/a	n/a	n/a	1
25.80	32.748	.0746	32.858	32.698	4
26.00	32.914	.0786	33.058	32.780	8
26.20	33.138	.0672	33.259	33.026	8
26.40	33.372	.0740	33.518	33.264	8
26.60	33.610	.0752	33.759	33.505	8
26.80	33.808	.0426	33.886	33.731	8
27.00	33.979	.0180	34.006	33.944	8
27.10	34.082	.0121	34.097	34.060	8
27.20	34.180	.0086	34.192	34.169	8
27.30	34.272	.0011	34.276	34.268	8
27.40	34.360	.0060	34.365	34.355	8
27.50	34.447	.0000	34.453	34.443	7
27.60	n/a	n/a	n/a	n/a	0
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

DEPTH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	n/a	n/a	n/a	n/a	0
25.60	101	n/a	n/a	n/a	1
25.80	117	4.2	121	112	4
26.00	116	20.9	142	71	8
26.20	123	18.3	147	83	8
26.40	135	18.8	158	93	8
26.60	154	20.7	177	107	8
26.80	216	23.7	254	173	8
27.00	385	27.6	430	348	8
27.10	486	29.6	541	459	8
27.20	606	30.4	651	569	8
27.30	760	32.3	803	724	8
27.40	967	31.6	1035	941	8
27.50	1245	46.4	1333	1203	7
27.60	n/a	n/a	n/a	n/a	0
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

SVA

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	n/a	n/a	n/a	n/a	0
25.60	240.9	n/a	n/a	n/a	1
25.80	221.8	.05	221.9	221.8	4
26.00	202.7	.25	202.9	202.3	8
26.20	183.8	.22	184.1	183.5	8
26.40	164.9	.27	165.3	164.5	8
26.60	146.2	.30	146.6	145.7	8
26.80	127.7	.28	128.2	127.4	8
27.00	109.9	.32	110.4	109.6	8
27.10	101.2	.30	101.7	100.8	8
27.20	92.4	.29	92.9	92.0	8
27.30	83.7	.22	84.0	83.4	8
27.40	75.0	.20	75.4	74.8	8
27.50	66.4	.22	66.8	66.2	7
27.60	n/a	n/a	n/a	n/a	0
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

THETA

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	n/a	n/a	n/a	n/a	0
25.60	6.94	n/a	n/a	n/a	1
25.80	5.96	.455	6.63	5.65	4
26.00	5.37	.531	6.29	4.45	8
26.20	5.18	.477	6.00	4.38	8
26.40	5.03	.514	6.03	4.28	8
26.60	4.95	.523	5.95	4.20	8
26.80	4.56	.311	5.11	3.98	8
27.00	3.94	.139	4.15	3.67	8
27.10	3.75	.094	3.87	3.57	8
27.20	3.52	.058	3.62	3.44	8
27.30	3.23	.022	3.27	3.20	8
27.40	2.90	.029	2.94	2.86	8
27.50	2.53	.037	2.58	2.46	7
27.60	n/a	n/a	n/a	n/a	0
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

SVA (THETA)

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	n/a	n/a	n/a	n/a	0
25.60	239.4	n/a	n/a	n/a	1
25.80	220.3	.19	220.4	220.0	4
26.00	201.2	.29	201.5	200.7	8
26.20	182.3	.27	182.5	181.7	8
26.40	163.3	.23	163.5	162.9	8
26.60	144.4	.08	144.5	144.2	8
26.80	125.4	.03	125.5	125.4	8
27.00	106.3	.10	106.4	106.1	8
27.10	96.8	.05	96.9	96.7	8
27.20	87.3	.04	87.3	87.2	8
27.30	77.7	.05	77.8	77.7	8
27.40	68.2	.05	68.2	68.1	8
27.50	58.6	.11	58.6	58.3	7
27.60	n/a	n/a	n/a	n/a	0
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

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DELTA D

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	n/a	n/a	n/a	n/a	0
25.60	2.450	n/a	n/a	n/a	1
25.80	2.723	.0427	2.770	2.670	4
26.00	2.619	.4959	3.110	1.540	8
26.20	2.759	.4388	3.210	1.790	8
26.40	2.964	.4511	3.400	1.970	8
26.60	3.246	.4788	3.680	2.180	8
26.80	4.102	.5114	4.740	3.070	8
27.00	6.114	.5650	6.920	5.150	8
27.10	7.189	.5508	8.100	6.480	8
27.20	8.361	.5576	9.190	7.670	8
27.30	9.729	.5958	10.550	8.850	8
27.40	11.386	.5685	12.270	10.560	8
27.50	13.459	.5699	14.400	12.710	7
27.60	n/a	n/a	n/a	n/a	0
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
1.28	n/a	n/a	n/a	1
1.64	.083	1.72	1.55	4
1.60	.510	2.27	.56	8
1.77	.479	2.42	.76	8
2.04	.527	2.71	.91	8
2.47	.612	3.20	1.14	8
4.09	.910	5.54	2.41	8
10.28	1.615	12.74	7.94	8
15.09	1.974	18.64	13.33	8
21.66	2.318	25.27	18.99	8
31.25	2.948	35.41	28.06	8
45.97	3.426	52.75	42.71	8
68.72	5.285	78.74	63.42	7
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

DELTA DH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	n/a	n/a	n/a	n/a	0
25.60	9.588	n/a	n/a	n/a	1
25.80	9.035	.2077	9.340	8.877	4
26.00	8.941	.2463	9.383	8.690	8
26.20	8.802	.2018	9.133	8.610	8
26.40	8.597	.1830	8.960	8.453	8
26.60	8.312	.2199	8.743	8.083	8
26.80	7.458	.2003	7.858	7.177	8
27.00	5.446	.2126	5.778	5.128	8
27.10	4.372	.2245	4.625	3.943	8
27.20	3.201	.2257	3.501	2.860	8
27.30	1.834	.2410	2.104	1.502	8
27.40	.174	.4399	.370	-0.346	8
27.50	-1.807	.3511	-1.493	-2.481	7
27.60	n/a	n/a	n/a	n/a	0
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

ACC. POT.

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
12.040	n/a	n/a	n/a	1
11.644	.1444	11.831	11.514	4
11.314	.2856	11.716	10.819	8
11.086	.2554	11.441	10.673	8
10.842	.2278	11.156	10.506	8
10.572	.2012	10.859	10.315	8
10.245	.1672	10.510	10.083	8
9.715	.1263	9.913	9.576	8
9.332	.1047	9.494	9.210	8
8.849	.0784	8.962	8.757	8
8.252	.0510	8.325	8.204	8
7.501	.0220	7.539	7.471	8
6.547	.0146	6.562	6.516	7
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

OXYGEN

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	n/a	n/a	n/a	n/a	0
25.60	n/a	n/a	n/a	n/a	0
25.80	n/a	n/a	n/a	n/a	0
26.00	n/a	n/a	n/a	n/a	0
26.20	n/a	n/a	n/a	n/a	0
26.40	n/a	n/a	n/a	n/a	0
26.60	n/a	n/a	n/a	n/a	0
26.80	n/a	n/a	n/a	n/a	0
27.00	n/a	n/a	n/a	n/a	0
27.10	n/a	n/a	n/a	n/a	0
27.20	n/a	n/a	n/a	n/a	0
27.30	n/a	n/a	n/a	n/a	0
27.40	n/a	n/a	n/a	n/a	0
27.50	n/a	n/a	n/a	n/a	0
27.60	n/a	n/a	n/a	n/a	0
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

SOUND

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
1477	n/a	n/a	n/a	1
1474	2.0	1477	1473	4
1472	2.3	1476	1468	8
1471	2.1	1475	1468	8
1471	2.4	1476	1468	8
1472	2.4	1476	1468	8
1471	1.4	1474	1469	8
1472	1.0	1473	1470	8
1473	.8	1474	1472	8
1474	.6	1475	1473	8
1475	.5	1476	1475	8
1478	.8	1479	1477	8
1481	.8	1482	1480	7
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

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TEMPERATURE

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	n/a	n/a	n/a	n/a	0
25.60	6.53	.198	6.67	6.39	2
25.80	5.81	.231	6.04	5.50	7
26.00	5.46	.219	5.87	5.09	15
26.20	5.36	.292	5.79	4.59	15
26.40	5.32	.325	6.01	4.76	15
26.60	5.27	.421	6.22	4.71	15
26.80	4.71	.329	5.38	4.06	15
27.00	4.03	.140	4.32	3.75	15
27.10	3.84	.041	3.90	3.78	14
27.20	3.62	.036	3.68	3.54	14
27.30	3.33	.042	3.41	3.27	14
27.40	2.99	.038	3.06	2.94	14
27.50	2.64	.050	2.74	2.57	11
27.60	2.25	n/a	n/a	n/a	1
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

SALINITY

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
32.579	.0320	32.602	32.556	2
32.726	.0338	32.758	32.679	7
32.927	.0337	32.985	32.868	15
33.164	.0424	33.227	33.053	15
33.411	.0480	33.514	33.328	15
33.654	.0640	33.801	33.575	15
33.826	.0462	33.923	33.739	15
33.987	.0176	34.025	33.954	15
34.089	.0053	34.096	34.080	14
34.186	.0056	34.194	34.177	14
34.277	.0053	34.288	34.270	14
34.364	.0067	34.372	34.357	14
34.450	.0068	34.460	34.442	11
34.535	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

DEPTH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	n/a	n/a	n/a	n/a	0
25.60	57	51.6	93	20	2
25.80	100	4.7	106	92	7
26.00	108	14.8	132	77	15
26.20	115	15.9	141	84	15
26.40	125	16.3	157	95	15
26.60	141	18.1	174	108	15
26.80	207	25.0	250	172	15
27.00	367	31.1	429	323	15
27.10	468	32.6	527	410	14
27.20	591	30.6	646	535	14
27.30	740	30.7	784	683	14
27.40	943	32.8	996	883	14
27.50	1207	48.0	1321	1142	11
27.60	1584	n/a	n/a	n/a	1
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

SVA

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
240.3	.57	240.7	239.9	2
221.6	.06	221.7	221.5	7
202.6	.11	202.8	202.4	15
183.7	.11	183.9	183.5	15
164.9	.16	165.1	164.6	15
146.1	.23	146.6	145.8	15
127.7	.36	128.5	127.3	15
109.8	.35	110.7	109.4	15
101.1	.20	101.6	100.5	14
92.4	.25	92.9	91.9	14
83.6	.22	84.0	83.2	14
75.0	.17	75.2	74.6	14
66.3	.17	66.7	66.1	11
57.8	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

THETA

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	n/a	n/a	n/a	n/a	0
25.60	6.53	.205	6.67	6.38	2
25.80	5.80	.233	6.04	5.49	7
26.00	5.45	.219	5.86	5.08	15
26.20	5.35	.292	5.78	4.58	15
26.40	5.31	.325	6.00	4.75	15
26.60	5.26	.421	6.21	4.70	15
26.80	4.69	.327	5.36	4.05	15
27.00	4.00	.138	4.29	3.73	15
27.10	3.81	.041	3.86	3.74	14
27.20	3.57	.034	3.63	3.50	14
27.30	3.28	.043	3.36	3.22	14
27.40	2.93	.041	3.00	2.87	14
27.50	2.56	.053	2.66	2.48	11
27.60	2.14	n/a	n/a	n/a	1
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
239.6	.08	239.6	239.5	2
220.1	.36	220.5	219.5	7
201.0	.46	201.4	200.0	15
182.1	.39	182.5	181.2	15
163.3	.22	163.5	162.8	15
144.4	.06	144.5	144.3	15
125.4	.06	125.5	125.3	15
106.3	.10	106.4	106.1	15
96.8	.05	96.9	96.7	14
87.3	.06	87.4	87.2	14
77.8	.05	77.8	77.7	14
68.2	.04	68.2	68.1	14
58.6	.03	58.6	58.5	11
48.8	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

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DELTA D

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	n/a	n/a	n/a	n/a	0
25.60	1.375	1.2657	2.270	.480	2
25.80	2.364	.1061	2.480	2.180	7
26.00	2.448	.3437	2.880	1.680	15
26.20	2.583	.3681	3.210	1.820	15
26.40	2.747	.3820	3.500	2.000	15
26.60	2.999	.4042	3.760	2.210	15
26.80	3.893	.4774	4.520	3.190	15
27.00	5.807	.5256	6.690	5.010	15
27.10	6.861	.5377	7.750	6.030	14
27.20	8.066	.5019	8.920	7.240	14
27.30	9.384	.4856	10.150	8.560	14
27.40	11.009	.4677	11.710	10.140	14
27.50	12.902	.5832	13.930	12.070	11
27.60	15.570	n/a	n/a	n/a	1
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
.57	.728	1.08	.05	2
1.22	.106	1.33	1.03	7
1.37	.356	1.94	.66	15
1.53	.407	2.24	.78	15
1.73	.452	2.68	.94	15
2.08	.525	3.12	1.16	15
3.69	.856	5.07	2.61	15
9.32	1.615	12.44	7.17	15
13.87	2.005	17.61	10.62	14
20.41	2.277	24.64	16.48	14
29.42	2.650	33.70	24.70	14
43.44	3.158	48.42	37.46	14
64.18	5.278	76.03	57.56	11
98.22	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

DELTA DH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	n/a	n/a	n/a	n/a	0
25.60	10.176	1.4644	11.212	9.141	2
25.80	9.218	.2473	9.549	8.925	7
26.00	8.942	.2785	9.456	8.519	14
26.20	8.811	.2771	9.353	8.447	14
26.40	8.647	.2567	9.083	8.191	14
26.60	8.402	.2076	8.791	7.931	14
26.80	7.511	.1897	7.810	7.212	14
27.00	5.580	.2601	5.943	5.074	14
27.10	4.503	.2495	4.904	4.028	14
27.20	3.299	.2285	3.694	2.885	14
27.30	1.981	.2303	2.378	1.629	14
27.40	.357	.2409	.792	-0.041	14
27.50	-1.521	.3523	-1.055	-2.362	11
27.60	-3.878	n/a	n/a	n/a	1
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

ACC. POT.

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
11.542	.2128	11.692	11.391	2
11.457	.1666	11.682	11.202	7
11.121	.2409	11.492	10.752	14
10.912	.2286	11.290	10.546	14
10.688	.2168	11.067	10.329	14
10.444	.2015	10.813	10.099	14
10.143	.1769	10.476	9.826	14
9.636	.1347	9.870	9.373	14
9.269	.1050	9.446	9.055	14
8.807	.0767	8.932	8.648	14
8.223	.0485	8.287	8.116	14
7.489	.0224	7.517	7.441	14
6.559	.0160	6.584	6.536	11
5.372	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

OXYGEN

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	n/a	n/a	n/a	n/a	0
25.60	n/a	n/a	n/a	n/a	0
25.80	6.92	n/a	n/a	n/a	1
26.00	6.08	n/a	n/a	n/a	1
26.20	5.31	n/a	n/a	n/a	1
26.40	4.62	n/a	n/a	n/a	1
26.60	3.96	n/a	n/a	n/a	1
26.80	2.85	n/a	n/a	n/a	1
27.00	1.33	n/a	n/a	n/a	1
27.10	.91	n/a	n/a	n/a	1
27.20	.66	n/a	n/a	n/a	1
27.30	.59	n/a	n/a	n/a	1
27.40	.47	n/a	n/a	n/a	1
27.50	n/a	n/a	n/a	n/a	0
27.60	n/a	n/a	n/a	n/a	0
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

SOUND

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
1475	.0	1475	1475	2
1473	.9	1474	1472	7
1472	.7	1473	1471	15
1472	1.3	1474	1469	15
1473	1.4	1475	1470	15
1473	1.9	1477	1471	15
1472	1.7	1475	1469	15
1472	1.0	1474	1471	15
1473	.7	1474	1472	14
1474	.6	1475	1473	14
1475	.5	1476	1474	14
1477	.6	1478	1476	14
1480	.7	1482	1480	11
1485	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

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TEMPERATURE

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	n/a	n/a	n/a	n/a	0
25.60	6.53	.156	6.64	6.42	2
25.80	5.39	.390	5.94	4.85	10
26.00	4.97	.415	5.59	4.27	13
26.20	4.90	.333	5.43	4.29	13
26.40	4.86	.342	5.63	4.28	13
26.60	4.83	.438	5.61	4.18	13
26.80	4.40	.341	4.92	3.87	13
27.00	3.90	.155	4.14	3.62	13
27.10	3.77	.071	3.85	3.63	10
27.20	3.56	.043	3.62	3.51	10
27.30	3.31	.042	3.37	3.22	10
27.40	2.98	.038	3.04	2.90	10
27.50	2.62	.031	2.67	2.58	9
27.60	2.22	n/a	n/a	n/a	1
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

SALINITY

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	n/a	n/a	n/a	n/a	0
25.60	32.581	.0268	32.600	32.563	2
25.80	32.681	.0605	32.746	32.580	10
26.00	32.857	.0612	32.957	32.756	13
26.20	33.098	.0460	33.172	33.013	13
26.40	33.345	.0478	33.456	33.263	13
26.60	33.592	.0614	33.704	33.504	13
26.80	33.784	.0454	33.856	33.714	13
27.00	33.972	.0182	34.000	33.940	13
27.10	34.081	.0080	34.090	34.063	10
27.20	34.180	.0055	34.187	34.173	10
27.30	34.274	.0046	34.283	34.264	10
27.40	34.363	.0064	34.369	34.353	10
27.50	34.448	.0037	34.452	34.443	9
27.60	34.534	n/a	n/a	n/a	1
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

DEPTH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	n/a	n/a	n/a	n/a	0
25.60	68	14.8	78	57	2
25.80	74	42.8	121	6	10
26.00	115	10.6	131	96	13
26.20	127	9.3	142	113	13
26.40	139	9.3	157	129	13
26.60	157	11.4	177	139	13
26.80	218	14.0	233	193	13
27.00	369	22.9	411	329	13
27.10	470	28.6	525	425	10
27.20	600	30.0	656	561	10
27.30	746	30.2	795	692	10
27.40	947	34.8	995	896	10
27.50	1209	35.9	1284	1164	9
27.60	1635	n/a	n/a	n/a	1
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

SVA

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	n/a	n/a	n/a	n/a	0
25.60	240.4	.14	240.5	240.3	2
25.80	221.3	.45	221.9	220.6	10
26.00	202.6	.13	202.9	202.5	13
26.20	183.7	.11	184.0	183.6	13
26.40	164.9	.13	165.1	164.7	13
26.60	146.2	.20	146.4	145.8	13
26.80	127.6	.23	128.0	127.3	13
27.00	109.7	.28	110.2	109.2	13
27.10	101.0	.29	101.5	100.5	10
27.20	92.3	.28	92.9	92.0	10
27.30	83.6	.21	84.0	83.3	10
27.40	74.9	.18	75.2	74.7	10
27.50	66.2	.14	66.5	66.1	9
27.60	58.0	n/a	n/a	n/a	1
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

THETA

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	n/a	n/a	n/a	n/a	0
25.60	6.52	.156	6.63	6.41	2
25.80	5.51	.388	5.93	4.85	10
26.00	4.96	.414	5.58	4.26	13
26.20	4.89	.333	5.42	4.28	13
26.40	4.85	.342	5.62	4.27	13
26.60	4.82	.438	5.60	4.17	13
26.80	4.38	.339	4.90	3.86	13
27.00	3.87	.153	4.11	3.60	13
27.10	3.74	.069	3.82	3.60	10
27.20	3.52	.042	3.58	3.47	10
27.30	3.25	.045	3.32	3.16	10
27.40	2.92	.041	2.98	2.83	10
27.50	2.54	.032	2.59	2.50	9
27.60	2.11	n/a	n/a	n/a	1
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

SVA (THETA)

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	n/a	n/a	n/a	n/a	0
25.60	239.3	.06	239.4	239.3	2
25.80	220.2	.46	220.6	219.1	10
26.00	201.1	.50	201.5	200.0	13
26.20	182.1	.27	182.4	181.6	13
26.40	163.2	.23	163.4	162.7	13
26.60	144.4	.08	144.5	144.2	13
26.80	125.4	.05	125.5	125.4	13
27.00	106.3	.15	106.4	106.0	13
27.10	96.8	.08	96.9	96.6	10
27.20	87.3	.04	87.3	87.2	10
27.30	77.7	.05	77.8	77.7	10
27.40	68.2	.01	68.2	68.2	10
27.50	58.6	.04	58.6	58.5	9
27.60	48.7	n/a	n/a	n/a	1
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

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DELTA D

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	n/a	n/a	n/a	n/a	0
25.60	1.645	.3465	1.890	1.400	2
25.80	1.735	1.0229	2.840	.130	10
26.00	2.588	.2690	3.050	2.150	13
26.20	2.814	.2196	3.180	2.470	13
26.40	3.022	.2218	3.350	2.650	13
26.60	3.259	.2536	3.670	2.800	13
26.80	4.120	.2806	4.480	3.520	13
27.00	5.919	.3745	6.650	5.370	13
27.10	6.983	.4726	7.880	6.380	10
27.20	8.249	.4700	9.160	7.620	10
27.30	9.547	.4534	10.400	8.860	10
27.40	11.154	.4840	12.010	10.480	10
27.50	12.967	.3929	13.680	12.430	9
27.60	15.730	n/a	n/a	n/a	1
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

POT. ENERGY

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	n/a	n/a	n/a	n/a	0
25.60	.58	.240	.75	.41	2
25.80	.86	.686	1.77	.00	10
26.00	1.53	.293	2.03	1.11	13
26.20	1.81	.263	2.22	1.45	13
26.40	2.10	.282	2.57	1.74	13
26.60	2.52	.362	3.15	1.95	13
26.80	4.10	.498	4.73	3.17	13
27.00	9.50	1.136	11.71	7.69	13
27.10	14.12	1.743	17.60	11.59	10
27.20	21.07	2.192	25.35	18.32	10
27.30	30.03	2.570	34.59	25.71	10
27.40	44.01	3.433	49.37	38.90	10
27.50	64.50	3.965	72.64	59.68	9
27.60	103.80	n/a	n/a	n/a	1
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

DELTA DH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	n/a	n/a	n/a	n/a	0
25.60	9.988	.1690	10.107	9.868	2
25.80	9.624	.8446	10.889	8.726	7
26.00	8.891	.2434	9.214	8.560	10
26.20	8.694	.2184	8.971	8.336	10
26.40	8.502	.1470	8.679	8.210	10
26.60	8.223	.1628	8.365	7.861	10
26.80	7.380	.1426	7.549	7.107	10
27.00	5.563	.1636	5.807	5.316	10
27.10	4.494	.2074	4.798	4.091	10
27.20	3.229	.2147	3.467	2.811	10
27.30	1.931	.2173	2.318	1.570	10
27.40	.324	.2578	.700	-0.037	10
27.50	-1.541	.2687	-1.204	-2.103	9
27.60	-4.220	n/a	n/a	n/a	1
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

ACC. POT.

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	n/a	n/a	n/a	n/a	0
25.60	11.622	.1782	11.748	11.496	2
25.80	11.470	.2146	11.841	11.179	7
26.00	11.240	.1864	11.599	11.011	10
26.20	11.011	.1825	11.342	10.770	10
26.40	10.764	.1791	11.072	10.513	10
26.60	10.493	.1712	10.776	10.234	10
26.80	10.164	.1622	10.432	9.892	10
27.00	9.651	.1332	9.878	9.425	10
27.10	9.281	.1099	9.466	9.098	10
27.20	8.815	.0844	8.951	8.675	10
27.30	8.226	.0555	8.305	8.129	10
27.40	7.490	.0244	7.523	7.453	10
27.50	6.551	.0163	6.567	6.528	9
27.60	5.367	n/a	n/a	n/a	1
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

OXYGEN

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	n/a	n/a	n/a	n/a	0
25.60	n/a	n/a	n/a	n/a	0
25.80	n/a	n/a	n/a	n/a	0
26.00	n/a	n/a	n/a	n/a	0
26.20	n/a	n/a	n/a	n/a	0
26.40	n/a	n/a	n/a	n/a	0
26.60	n/a	n/a	n/a	n/a	0
26.80	n/a	n/a	n/a	n/a	0
27.00	n/a	n/a	n/a	n/a	0
27.10	n/a	n/a	n/a	n/a	0
27.20	n/a	n/a	n/a	n/a	0
27.30	n/a	n/a	n/a	n/a	0
27.40	n/a	n/a	n/a	n/a	0
27.50	n/a	n/a	n/a	n/a	0
27.60	n/a	n/a	n/a	n/a	0
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

SOUND

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	n/a	n/a	n/a	n/a	0
25.60	1475	.0	1475	1475	2
25.80	1471	2.2	1474	1467	10
26.00	1470	1.9	1473	1467	13
26.20	1470	1.4	1472	1468	13
26.40	1470	1.5	1474	1468	13
26.60	1471	1.9	1474	1468	13
26.80	1470	1.6	1473	1468	13
27.00	1471	.9	1473	1470	13
27.10	1472	.8	1474	1471	10
27.20	1474	.7	1475	1473	10
27.30	1475	.7	1476	1474	10
27.40	1477	.5	1478	1477	10
27.50	1480	.5	1481	1480	9
27.60	1486	n/a	n/a	n/a	1
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

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TEMPERATURE

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	8.18	n/a	n/a	n/a	1
25.60	6.68	.275	7.28	6.29	15
25.80	5.70	.383	6.38	5.01	30
26.00	5.17	.426	5.97	4.35	30
26.20	5.04	.383	5.77	4.28	30
26.40	5.00	.352	5.72	4.34	30
26.60	4.96	.345	5.57	4.32	30
26.80	4.55	.329	4.89	3.86	30
27.00	3.97	.158	4.21	3.63	29
27.10	3.81	.082	4.00	3.63	26
27.20	3.60	.065	3.80	3.50	25
27.30	3.32	.057	3.51	3.24	25
27.40	2.99	.059	3.19	2.87	25
27.50	2.61	.040	2.66	2.51	22
27.60	2.19	.021	2.20	2.17	2
27.70	1.80	n/a	n/a	n/a	1
27.75	1.58	n/a	n/a	n/a	1
27.76	1.55	n/a	n/a	n/a	1

SALINITY

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
32.617	n/a	n/a	n/a	1
32.611	.0447	32.712	32.544	15
32.707	.0588	32.813	32.604	30
32.884	.0611	33.000	32.766	30
33.119	.0543	33.222	33.011	30
33.365	.0507	33.470	33.272	30
33.611	.0482	33.699	33.507	30
33.804	.0441	33.852	33.713	30
33.980	.0189	34.010	33.938	29
34.086	.0099	34.109	34.062	26
34.185	.0086	34.209	34.171	25
34.276	.0066	34.298	34.266	25
34.363	.0071	34.386	34.350	25
34.446	.0050	34.452	34.435	22
34.531	.0000	34.532	34.530	2
34.615	n/a	n/a	n/a	1
34.656	n/a	n/a	n/a	1
34.666	n/a	n/a	n/a	1

DEPTH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	15	n/a	n/a	n/a	1
25.60	43	23.6	78	4	15
25.80	78	29.5	120	12	30
26.00	112	13.9	135	85	30
26.20	123	14.8	151	93	30
26.40	135	16.7	168	103	30
26.60	151	19.6	190	115	30
26.80	212	22.3	256	176	30
27.00	363	31.8	425	270	29
27.10	467	36.0	517	348	26
27.20	596	27.2	637	547	25
27.30	749	28.6	801	694	25
27.40	944	29.6	1003	895	25
27.50	1216	43.1	1304	1154	22
27.60	1640	46.0	1672	1607	2
27.70	2382	n/a	n/a	n/a	1
27.75	3027	n/a	n/a	n/a	1
27.76	3239	n/a	n/a	n/a	1

SVA

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
258.8	n/a	n/a	n/a	1
240.1	.28	240.5	239.6	15
221.4	.31	222.0	220.7	30
202.6	.14	203.0	202.4	30
183.7	.14	184.1	183.5	30
164.9	.16	165.2	164.7	30
146.1	.18	146.5	145.9	30
127.7	.26	128.3	127.3	30
109.7	.35	110.4	108.8	29
101.0	.34	101.5	100.0	26
92.4	.24	92.7	91.9	25
83.7	.52	84.1	83.2	25
75.0	.19	75.4	74.7	25
66.2	.19	66.6	65.9	22
57.9	.14	58.0	57.8	2
49.6	n/a	n/a	n/a	1
45.7	n/a	n/a	n/a	1
45.3	n/a	n/a	n/a	1

THETA

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	8.18	n/a	n/a	n/a	1
25.60	6.68	.275	7.28	6.28	15
25.80	5.70	.382	6.38	5.00	30
26.00	5.16	.425	5.96	4.34	30
26.20	5.04	.383	5.76	4.27	30
26.40	4.99	.352	5.70	4.33	30
26.60	4.95	.346	5.56	4.21	30
26.80	4.53	.330	4.88	3.84	30
27.00	3.94	.157	4.18	3.60	29
27.10	3.78	.081	3.97	3.60	26
27.20	3.56	.066	3.76	3.45	25
27.30	3.27	.056	3.45	3.19	25
27.40	2.93	.058	3.12	2.81	25
27.50	2.52	.043	2.58	2.42	22
27.60	2.07	.021	2.09	2.06	2
27.70	1.63	n/a	n/a	n/a	1
27.75	1.35	n/a	n/a	n/a	1
27.76	1.30	n/a	n/a	n/a	1

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
258.5	n/a	n/a	n/a	1
239.1	.59	239.6	237.2	15
220.3	.18	220.5	219.9	30
201.2	.32	201.5	200.2	30
182.1	.41	182.5	181.2	30
163.2	.32	163.5	162.3	30
144.4	.12	144.5	144.0	30
125.4	.05	125.5	125.3	30
106.3	.12	106.4	106.0	29
96.8	.07	96.9	96.6	26
87.3	.04	87.3	87.2	25
77.7	.05	77.8	77.7	25
68.2	.04	68.2	68.1	25
58.6	.08	58.6	58.4	22
48.6	.07	48.7	48.6	2
39.1	n/a	n/a	n/a	1
34.0	n/a	n/a	n/a	1
32.9	n/a	n/a	n/a	1

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DELTA D

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	.400	n/a	n/a	n/a	1
25.60	1.069	.5938	1.980	.100	15
25.80	1.838	.7201	2.930	.280	30
26.00	2.582	.3433	3.060	1.900	30
26.20	2.803	.3502	3.390	2.200	30
26.40	2.994	.3874	3.690	2.380	30
26.60	3.250	.4251	4.040	2.580	30
26.80	4.079	.4380	4.840	3.310	30
27.00	5.863	.4943	6.740	4.890	29
27.10	6.940	.5415	7.740	5.700	26
27.20	8.208	.4814	8.870	7.430	55
27.30	9.566	.4795	10.350	8.720	55
27.40	11.126	.4671	11.980	10.380	25
27.50	13.071	.5605	14.170	12.350	22
27.60	15.775	.8697	16.390	15.160	2
27.70	19.280	n/a	n/a	n/a	1
27.75	22.400	n/a	n/a	n/a	1
27.76	23.390	n/a	n/a	n/a	1

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
.03	n/a	n/a	n/a	1
.30	.246	.79	.00	15
.83	.500	1.79	.02	30
1.48	.357	2.05	.82	30
1.75	.405	2.51	1.04	30
2.01	.488	3.01	1.23	30
2.39	.593	3.65	1.44	30
3.94	.806	5.45	2.63	30
9.22	1.499	12.40	5.75	29
13.88	2.017	17.13	8.33	26
20.76	2.034	23.99	17.31	55
30.15	2.488	34.90	25.55	25
43.70	2.988	49.95	39.07	25
65.26	4.740	74.23	59.25	22
105.07	7.170	110.14	100.00	2
184.55	n/a	n/a	n/a	1
271.69	n/a	n/a	n/a	1
303.73	n/a	n/a	n/a	1

DELTA DH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	11.357	n/a	n/a	n/a	1
25.60	10.394	.5861	11.504	9.447	10
25.80	9.670	.6206	10.862	8.879	25
26.00	8.942	.1816	9.289	8.657	25
26.20	8.730	.1727	9.156	8.468	25
26.40	8.544	.2001	8.972	8.126	25
26.60	8.316	.2227	8.784	7.901	25
26.80	7.455	.2041	7.796	7.119	25
27.00	5.592	.2066	5.941	5.144	55
27.10	4.483	.2017	4.876	4.166	55
27.20	3.266	.1996	3.622	2.954	55
27.30	1.906	.2112	2.314	1.524	55
27.40	.347	.2192	.705	-0.097	25
27.50	-1.590	.3172	-1.141	-2.222	22
27.60	-4.263	.3514	-4.014	-4.511	2
27.70	-8.138	n/a	n/a	n/a	1
27.75	-11.260	n/a	n/a	n/a	1
27.76	-12.249	n/a	n/a	n/a	1

ACC. POT.

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
11.739	n/a	n/a	n/a	1
11.653	.1889	11.896	11.344	10
11.373	.2553	11.786	10.994	25
11.188	.2323	11.556	10.826	25
10.967	.2125	11.318	10.635	55
10.728	.1916	11.071	10.430	55
10.468	.1727	10.810	10.204	55
10.156	.1542	10.475	9.914	55
9.650	.1200	9.873	9.431	55
9.284	.0943	9.451	9.101	55
8.816	.0707	8.941	8.689	25
8.228	.0470	8.318	8.147	25
7.489	.0213	7.531	7.459	25
6.546	.0193	6.574	6.504	22
5.333	.0559	5.372	5.293	2
3.830	n/a	n/a	n/a	1
2.783	n/a	n/a	n/a	1
2.647	n/a	n/a	n/a	1

OXYGEN

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	n/a	n/a	n/a	n/a	0
25.60	7.54	n/a	n/a	n/a	1
25.80	7.35	.054	7.39	7.30	2
26.00	7.00	.141	7.10	6.90	2
26.20	6.34	.071	6.39	6.29	2
26.40	5.69	.014	5.70	5.68	2
26.60	4.97	.042	5.00	4.94	2
26.80	3.69	.170	3.81	3.57	2
27.00	1.85	.014	1.86	1.84	2
27.10	1.26	.113	1.34	1.18	2
27.20	.92	.191	1.06	.79	2
27.30	.69	.120	.77	.60	2
27.40	.57	.064	.62	.53	2
27.50	.59	.092	.66	.53	2
27.60	.87	n/a	n/a	n/a	1
27.70	1.78	n/a	n/a	n/a	1
27.75	2.60	n/a	n/a	n/a	1
27.76	2.82	n/a	n/a	n/a	1

SOUND

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
1481	n/a	n/a	n/a	1
1475	1.1	1477	1474	15
1472	1.6	1475	1469	30
1471	1.8	1474	1467	30
1471	1.5	1474	1468	30
1471	1.5	1474	1468	30
1471	1.3	1474	1469	30
1471	1.4	1473	1468	30
1471	1.1	1473	1469	29
1473	.9	1474	1470	26
1474	.6	1475	1473	25
1475	.6	1476	1474	25
1477	.5	1478	1477	25
1480	.7	1482	1479	22
1486	.7	1486	1485	2
1497	n/a	n/a	n/a	1
1507	n/a	n/a	n/a	1
1511	n/a	n/a	n/a	1

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TEMPERATURE

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
25.00	9.89	n/a	n/a	n/a	1
25.20	8.99	.262	9.29	8.64	7
25.40	8.11	.462	8.82	7.48	17
25.60	6.97	.391	7.47	6.26	21
25.80	5.83	.373	6.37	5.02	21
26.00	5.09	.457	5.76	4.15	21
26.20	4.97	.419	5.50	4.02	21
26.40	5.01	.373	5.44	4.26	21
26.60	5.06	.404	5.83	4.11	21
26.80	4.63	.260	5.05	3.95	21
27.00	3.99	.059	4.09	3.81	20
27.10	3.82	.048	3.89	3.70	20
27.20	3.59	.049	3.66	3.51	20
27.30	3.31	.039	3.37	3.21	20
27.40	2.99	.029	3.02	2.91	20
27.50	2.62	.047	2.68	2.50	18
27.60	2.25	n/a	n/a	n/a	1
27.70	1.95	n/a	n/a	n/a	1
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

SALINITY

MEAN	S.D.	MAX	MIN	N
32.444	n/a	n/a	n/a	1
32.526	.0533	32.594	32.470	7
32.614	.0831	32.740	32.503	17
32.657	.0664	32.741	32.546	21
32.727	.0585	32.812	32.605	21
32.873	.0674	32.985	32.740	21
33.108	.0582	33.184	32.978	21
33.366	.0535	33.429	33.262	21
33.625	.0577	33.739	33.492	21
33.815	.0352	33.873	33.724	21
33.982	.0062	33.994	33.960	20
34.086	.0057	34.095	34.070	20
34.183	.0065	34.191	34.172	20
34.275	.0047	34.282	34.263	20
34.363	.0030	34.367	34.354	20
34.448	.0046	34.454	34.436	18
34.539	n/a	n/a	n/a	1
34.628	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

DEPTH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
25.00	29	n/a	n/a	n/a	1
25.20	28	8.6	40	13	7
25.40	27	15.4	52	1	17
25.60	47	20.1	78	16	21
25.80	74	19.9	104	27	21
26.00	104	15.2	126	72	21
26.20	119	16.6	138	85	21
26.40	131	18.1	159	97	21
26.60	147	19.6	178	117	21
26.80	210	24.2	242	155	21
27.00	370	22.6	402	320	20
27.10	470	23.0	503	428	20
27.20	596	26.7	633	549	20
27.30	747	30.5	795	676	20
27.40	945	29.4	982	893	20
27.50	1208	45.7	1295	1147	18
27.60	1613	n/a	n/a	n/a	1
27.70	1970	n/a	n/a	n/a	1
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

SVA

MEAN	S.D.	MAX	MIN	N
297.2	n/a	n/a	n/a	1
278.1	.16	278.2	277.8	7
259.0	.21	259.3	258.6	17
240.2	.24	240.6	239.8	21
221.4	.20	221.7	220.9	21
202.5	.13	202.8	202.3	21
183.7	.16	183.9	183.3	21
164.9	.20	165.2	164.5	21
146.1	.26	146.7	145.7	21
127.7	.28	128.3	127.2	21
109.8	.19	110.1	109.4	20
101.1	.18	101.3	100.7	20
92.4	.20	92.7	92.0	20
83.6	.19	83.9	83.2	20
74.9	.17	75.2	74.6	20
66.2	.19	66.7	65.9	18
58.0	n/a	n/a	n/a	1
48.8	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

THETA

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
25.00	9.88	n/a	n/a	n/a	1
25.20	8.99	.261	9.28	8.64	7
25.40	8.11	.462	8.82	7.47	17
25.60	6.96	.395	7.46	6.25	21
25.80	5.82	.375	6.36	5.02	21
26.00	5.09	.459	5.75	4.14	21
26.20	4.96	.420	5.50	4.01	21
26.40	5.00	.375	5.43	4.25	21
26.60	5.05	.404	5.82	4.10	21
26.80	4.61	.260	5.03	3.93	21
27.00	3.96	.059	4.06	3.78	20
27.10	3.79	.047	3.86	3.67	20
27.20	3.55	.050	3.62	3.46	20
27.30	3.28	.039	3.32	3.16	20
27.40	2.92	.030	2.96	2.84	20
27.50	2.54	.049	2.60	2.41	18
27.60	2.14	n/a	n/a	n/a	1
27.70	1.81	n/a	n/a	n/a	1
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
296.6	n/a	n/a	n/a	1
276.9	.98	277.5	275.4	7
257.8	.78	258.5	256.2	17
239.3	.33	239.5	238.3	21
220.2	.45	220.5	218.6	21
201.2	.44	201.5	199.9	21
182.2	.31	182.5	181.4	21
163.3	.33	163.5	162.2	21
144.4	.15	144.5	143.9	21
125.5	.05	125.5	125.4	21
106.3	.11	106.4	106.1	20
96.8	.06	96.9	96.7	20
87.3	.04	87.3	87.2	20
77.7	.05	77.8	77.7	20
68.2	.03	68.2	68.1	20
58.6	.06	58.6	58.4	18
48.6	n/a	n/a	n/a	1
39.3	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

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DELTA D

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
25.00	.870	n/a	n/a	n/a	1
25.20	.807	.2631	1.200	.360	7
25.40	.755	.4400	1.520	.020	17
25.60	1.238	.5444	2.070	.430	21
25.80	1.867	.5388	2.700	.660	21
26.00	2.508	.3956	3.010	1.630	21
26.20	2.792	.3989	3.290	1.910	21
26.40	3.013	.4298	3.710	2.120	21
26.60	3.259	.4549	4.010	2.410	21
26.80	4.104	.4953	4.870	2.930	21
27.00	6.002	.4849	6.680	5.070	20
27.10	7.071	.4856	7.770	6.070	20
27.20	8.294	.5021	8.990	7.270	20
27.30	9.641	.5357	10.400	8.560	20
27.40	11.221	.5284	11.980	10.220	20
27.50	13.092	.6490	13.980	11.930	18
27.60	16.150	n/a	n/a	n/a	1
27.70	18.090	n/a	n/a	n/a	1
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.13	n/a	n/a	n/a	1
.12	.071	.24	.02	7
.14	.121	.40	.00	17
.34	.268	.81	.04	21
.74	.368	1.37	.09	21
1.30	.358	1.82	.59	21
1.63	.421	2.14	.79	21
1.92	.504	2.77	.98	21
2.27	.589	3.29	1.34	21
3.83	.836	5.08	2.85	21
9.45	1.243	11.14	6.98	20
14.06	1.493	16.27	11.35	20
20.76	1.956	23.33	17.23	20
30.04	2.563	33.92	24.33	20
43.76	2.962	47.89	38.28	20
64.51	4.985	73.65	57.37	18
102.69	n/a	n/a	n/a	1
138.46	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

DELTA DH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
25.00	10.828	n/a	n/a	n/a	1
25.20	10.943	.3131	11.287	10.499	6
25.40	10.904	.3986	11.789	10.171	16
25.60	10.318	.3967	10.950	9.600	20
25.80	9.688	.3293	10.215	9.115	20
26.00	9.079	.1383	9.395	8.880	20
26.20	8.792	.1667	9.188	8.501	20
26.40	8.567	.1918	8.985	8.236	20
26.60	8.319	.2111	8.756	7.936	20
26.80	7.470	.2178	7.919	7.155	20
27.00	5.558	.1687	5.892	5.266	20
27.10	4.489	.1619	4.788	4.262	20
27.20	3.266	.1949	3.620	2.977	20
27.30	1.921	.2251	2.449	1.556	20
27.40	.341	.2161	.717	.060	20
27.50	-1.534	.3341	-1.085	-2.170	18
27.60	-4.110	n/a	n/a	n/a	1
27.70	-6.051	n/a	n/a	n/a	1
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

ACC. POT.

MEAN	S.D.	MAX	MIN	N
11.686	n/a	n/a	n/a	1
11.741	.2136	12.032	11.566	6
11.595	.2571	11.962	11.000	16
11.464	.3040	11.868	10.829	20
11.348	.2758	11.694	10.791	20
11.178	.2504	11.486	10.702	20
10.968	.2253	11.256	10.543	20
10.733	.1993	10.994	10.346	20
10.474	.1733	10.695	10.116	20
10.162	.1427	10.349	9.855	20
9.648	.1066	9.804	9.422	20
9.279	.0873	9.406	9.100	20
8.814	.0684	8.912	8.669	20
8.227	.0469	8.296	8.127	20
7.489	.0223	7.521	7.447	20
6.553	.0154	6.580	6.516	18
5.352	n/a	n/a	n/a	1
3.670	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

OXYGEN

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
25.00	n/a	n/a	n/a	n/a	0
25.20	6.86	n/a	n/a	n/a	1
25.40	6.90	n/a	n/a	n/a	1
25.60	6.86	n/a	n/a	n/a	1
25.80	6.60	n/a	n/a	n/a	1
26.00	6.25	n/a	n/a	n/a	1
26.20	5.89	n/a	n/a	n/a	1
26.40	5.35	n/a	n/a	n/a	1
26.60	4.55	n/a	n/a	n/a	1
26.80	3.50	n/a	n/a	n/a	1
27.00	1.59	n/a	n/a	n/a	1
27.10	1.08	n/a	n/a	n/a	1
27.20	n/a	n/a	n/a	n/a	0
27.30	n/a	n/a	n/a	n/a	0
27.40	n/a	n/a	n/a	n/a	0
27.50	n/a	n/a	n/a	n/a	0
27.60	n/a	n/a	n/a	n/a	0
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

SOUND

MEAN	S.D.	MAX	MIN	N
1487	n/a	n/a	n/a	1
1484	.9	1485	1483	7
1481	1.6	1483	1478	17
1476	1.4	1479	1474	21
1473	1.6	1475	1469	21
1470	1.9	1473	1466	21
1470	1.8	1472	1466	21
1471	1.5	1473	1468	21
1472	1.8	1476	1468	21
1471	1.2	1474	1469	21
1472	.5	1472	1471	20
1473	.5	1473	1472	20
1474	.5	1475	1473	20
1475	.6	1476	1474	20
1477	.6	1478	1476	20
1480	.8	1482	1479	18
1486	n/a	n/a	n/a	1
1490	n/a	n/a	n/a	1
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

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TEMPERATURE

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
25.00	10.31	.362	10.80	9.97	4
25.20	9.25	.292	9.72	8.76	7
25.40	8.02	.330	8.51	7.44	7
25.60	6.83	.368	7.43	6.16	8
25.80	5.75	.383	6.34	5.31	8
26.00	5.24	.333	5.87	4.91	8
26.20	5.07	.272	5.57	4.76	8
26.40	4.94	.283	5.53	4.51	8
26.60	4.87	.428	5.49	4.27	8
26.80	4.44	.439	5.02	3.91	8
27.00	3.95	.191	4.22	3.69	7
27.10	3.85	.039	3.91	3.81	5
27.20	3.62	.040	3.65	3.55	5
27.30	3.32	.050	3.39	3.25	5
27.40	2.98	.046	3.05	2.93	5
27.50	2.58	.035	2.64	2.55	5
27.60	n/a	n/a	n/a	n/a	0
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

SALINITY

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
25.00	32.543	.0887	32.667	32.465	4
25.20	32.578	.0583	32.673	32.485	7
25.40	32.601	.0532	32.686	32.512	7
25.60	32.636	.0604	32.741	32.539	8
25.80	32.713	.0578	32.803	32.645	8
26.00	32.895	.0471	32.989	32.849	8
26.20	33.123	.0383	33.195	33.078	8
26.40	33.354	.0389	33.410	33.295	8
26.60	33.597	.0600	33.686	33.514	8
26.80	33.790	.0596	33.870	33.719	8
27.00	33.978	.0235	34.012	33.945	7
27.10	34.089	.0065	34.097	34.084	5
27.20	34.186	.0052	34.190	34.178	5
27.30	34.276	.0050	34.284	34.268	5
27.40	34.362	.0081	34.370	34.356	5
27.50	34.444	.0063	34.450	34.440	5
27.60	n/a	n/a	n/a	n/a	0
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

DEPTH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
25.00	24	8.2	35	16	4
25.20	31	7.7	43	22	7
25.40	40	9.7	57	29	7
25.60	59	14.1	83	43	8
25.80	88	12.2	101	72	8
26.00	112	11.7	130	98	8
26.20	123	13.6	146	108	8
26.40	135	15.3	163	118	8
26.60	154	15.4	183	139	8
26.80	221	24.1	247	178	8
27.00	374	27.0	413	336	7
27.10	488	29.4	520	454	5
27.20	608	28.4	641	573	5
27.30	753	34.3	792	706	5
27.40	959	36.5	1011	912	5
27.50	1245	36.8	1297	1205	5
27.60	n/a	n/a	n/a	n/a	0
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

SVA

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
25.00	297.1	.14	297.3	297.0	4
25.20	278.2	.12	278.3	278.0	7
25.40	259.2	.11	259.3	259.0	7
25.60	240.3	.15	240.6	240.2	8
25.80	221.5	.12	221.7	221.4	8
26.00	202.6	.10	202.8	202.5	8
26.20	183.7	.13	183.9	183.5	8
26.40	164.9	.12	165.0	164.7	8
26.60	146.1	.13	146.3	145.9	8
26.80	127.7	.31	128.2	127.3	8
27.00	109.8	.34	110.4	109.3	7
27.10	101.2	.24	101.5	100.9	5
27.20	92.5	.15	92.6	92.3	5
27.30	83.7	.15	83.9	83.5	5
27.40	75.0	.24	75.4	74.8	5
27.50	66.3	.23	66.7	66.1	5
27.60	n/a	n/a	n/a	n/a	0
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

THETA

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
25.00	10.31	.365	10.80	9.96	4
25.20	9.25	.295	9.72	8.75	7
25.40	8.02	.331	8.51	7.43	7
25.60	6.82	.370	7.43	6.15	8
25.80	5.74	.383	6.33	5.30	8
26.00	5.23	.335	5.86	4.90	8
26.20	5.06	.272	5.56	4.75	8
26.40	4.92	.282	5.52	4.50	8
26.60	4.86	.430	5.48	4.26	8
26.80	4.43	.439	5.00	3.90	8
27.00	3.93	.189	4.19	3.67	7
27.10	3.81	.038	3.87	3.77	5
27.20	3.57	.043	3.61	3.50	5
27.30	3.37	.050	3.34	3.20	5
27.40	2.91	.048	2.99	2.86	5
27.50	2.50	.037	2.56	2.47	5
27.60	n/a	n/a	n/a	n/a	0
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

SVA (THETA)

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
25.00	296.0	.72	296.4	294.9	4
25.20	277.0	.44	277.5	276.4	7
25.40	257.4	1.15	258.5	256.0	7
25.60	239.1	.51	239.5	238.1	8
25.80	220.4	.12	220.5	220.1	8
26.00	201.0	.42	201.5	200.2	8
26.20	182.0	.36	182.4	181.3	8
26.40	163.3	.20	163.5	162.9	8
26.60	144.4	.10	144.5	144.2	8
26.80	125.4	.04	125.5	125.4	8
27.00	106.3	.13	106.4	106.1	7
27.10	96.8	.07	96.9	96.7	5
27.20	87.3	.00	87.3	87.3	5
27.30	77.7	.04	77.8	77.7	5
27.40	68.2	.05	68.2	68.1	5
27.50	58.6	.09	58.6	58.4	5
27.60	n/a	n/a	n/a	n/a	0
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

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DELTA D

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
25.00	.757	.3010	1.170	.470	4
25.20	.937	.2528	1.300	.650	7
25.40	1.186	.2873	1.650	.860	7
25.60	1.636	.4012	2.380	1.280	8
25.80	2.320	.3645	2.810	1.790	8
26.00	2.831	.2402	3.220	2.510	8
26.20	3.034	.2693	3.520	2.730	8
26.40	3.245	.3140	3.820	2.900	8
26.60	3.536	.3287	4.130	3.210	8
26.80	4.445	.3769	5.000	3.760	8
27.00	6.236	.3481	6.620	5.710	7
27.10	7.414	.4000	7.790	6.880	5
27.20	8.584	.4209	8.970	8.040	5
27.30	9.874	.4575	10.270	9.220	5
27.40	11.534	.4413	12.040	10.880	5
27.50	13.570	.4721	14.090	12.980	5
27.60	n/a	n/a	n/a	n/a	0
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.10	.076	.21	.04	4
.15	.082	.28	.07	7
.25	.121	.47	.13	7
.49	.238	.93	.26	8
1.01	.279	1.33	.65	8
1.53	.289	2.00	1.14	8
1.78	.358	2.43	1.43	8
2.06	.444	2.90	1.62	8
2.50	.498	3.46	2.03	8
4.25	.816	5.35	2.87	8
9.74	1.343	11.69	8.05	7
15.07	1.862	17.01	12.83	5
21.66	2.131	24.00	18.96	5
30.68	2.939	33.99	26.69	5
45.25	3.518	50.33	40.47	5
68.30	4.423	74.61	63.32	5
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

DELTA DH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
25.00	10.750	.0856	10.811	10.690	2
25.20	10.791	.2210	11.113	10.617	4
25.40	10.572	.1274	10.762	10.490	4
25.60	10.102	.3382	10.481	9.607	5
25.80	9.520	.3454	10.092	9.176	5
26.00	9.055	.1101	9.241	8.957	5
26.20	8.873	.1761	9.145	8.685	5
26.40	8.685	.1971	8.976	8.460	5
26.60	8.416	.1590	8.582	8.221	5
26.80	7.446	.1813	7.707	7.241	5
27.00	5.517	.1762	5.757	5.263	5
27.10	4.351	.2232	4.588	4.084	5
27.20	3.179	.2221	3.425	2.902	5
27.30	1.891	.2631	2.247	1.607	5
27.40	.233	.2744	.588	-0.157	5
27.50	-1.802	.2805	-1.513	-2.204	5
27.60	n/a	n/a	n/a	n/a	0
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

ACC. POT.

MEAN	S.D.	MAX	MIN	N
11.625	.3458	11.870	11.381	2
11.645	.2360	11.856	11.335	4
11.581	.2309	11.802	11.282	4
11.558	.2310	11.816	11.226	5
11.420	.2142	11.691	11.120	5
11.234	.2063	11.506	10.955	5
11.022	.1960	11.270	10.755	5
10.792	.1917	11.021	10.530	5
10.539	.1893	10.758	10.281	5
10.230	.1714	10.430	9.995	5
9.709	.1205	9.856	9.546	5
9.332	.0929	9.441	9.206	5
8.850	.0651	8.930	8.757	5
8.248	.0443	8.314	8.192	5
7.498	.0240	7.537	7.475	5
6.542	.0106	6.557	6.533	5
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

OXYGEN

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	n/a	n/a	n/a	n/a	0
25.60	n/a	n/a	n/a	n/a	0
25.80	n/a	n/a	n/a	n/a	0
26.00	n/a	n/a	n/a	n/a	0
26.20	n/a	n/a	n/a	n/a	0
26.40	n/a	n/a	n/a	n/a	0
26.60	n/a	n/a	n/a	n/a	0
26.80	n/a	n/a	n/a	n/a	0
27.00	n/a	n/a	n/a	n/a	0
27.10	n/a	n/a	n/a	n/a	0
27.20	n/a	n/a	n/a	n/a	0
27.30	n/a	n/a	n/a	n/a	0
27.40	n/a	n/a	n/a	n/a	0
27.50	n/a	n/a	n/a	n/a	0
27.60	n/a	n/a	n/a	n/a	0
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

SOUND

MEAN	S.D.	MAX	MIN	N
1489	1.7	1491	1487	4
1485	1.2	1487	1483	7
1480	1.3	1482	1478	7
1476	1.2	1478	1474	8
1473	1.7	1475	1471	8
1471	1.4	1474	1470	8
1471	1.3	1473	1469	8
1471	1.0	1472	1469	8
1471	1.7	1474	1469	8
1471	2.0	1474	1468	8
1472	1.0	1473	1470	7
1473	.7	1474	1472	5
1474	.4	1475	1474	5
1476	.5	1476	1475	5
1477	.5	1478	1477	5
1481	.8	1482	1480	5
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

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TEMPERATURE

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
25.00	10.27	.406	10.94	9.51	22
25.20	9.18	.412	9.96	8.30	22
25.40	8.08	.464	8.92	7.14	22
25.60	6.92	.433	7.72	6.05	22
25.80	5.94	.357	6.66	5.11	23
26.00	5.30	.498	6.46	4.68	23
26.20	5.13	.475	6.43	4.52	23
26.40	5.11	.452	6.41	4.39	23
26.60	5.03	.419	5.79	4.12	22
26.80	4.61	.287	5.07	4.02	22
27.00	3.95	.098	4.06	3.70	22
27.10	3.79	.063	3.87	3.60	20
27.20	3.58	.043	3.63	3.45	19
27.30	3.30	.037	3.36	3.22	19
27.40	2.97	.038	3.02	2.88	19
27.50	2.60	.064	2.72	2.46	19
27.60	2.21	.078	2.32	2.15	4
27.70	1.79	.064	1.83	1.74	2
27.75	1.59	.042	1.62	1.56	2
27.76	1.58	n/a	n/a	n/a	1

SALINITY

MEAN	S.D.	MAX	MIN	N
32.553	.0802	32.684	32.392	22
32.576	.0819	32.720	32.436	22
32.611	.0784	32.761	32.479	22
32.653	.0726	32.791	32.519	22
32.744	.0542	32.855	32.619	23
32.905	.0767	33.083	32.810	23
33.134	.0722	33.334	33.042	23
33.381	.0666	33.581	33.282	23
33.621	.0597	33.735	33.496	22
33.812	.0388	33.876	33.734	22
33.979	.0107	33.990	33.950	22
34.083	.0078	34.093	34.060	20
34.181	.0057	34.187	34.165	19
34.274	.0058	34.281	34.263	19
34.361	.0046	34.366	34.350	19
34.446	.0070	34.458	34.431	19
34.532	.0077	34.541	34.526	4
34.614	.0000	34.619	34.608	2
34.657	.0000	34.660	34.654	2
34.669	n/a	n/a	n/a	1

DEPTH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
25.00	31	8.2	51	19	22
25.20	37	9.2	54	23	22
25.40	44	10.9	63	29	22
25.60	58	15.2	81	36	22
25.80	78	17.8	101	44	23
26.00	102	12.7	122	71	23
26.20	114	14.0	134	71	23
26.40	125	16.4	147	72	23
26.60	145	14.2	167	116	22
26.80	210	16.8	257	183	22
27.00	371	20.0	413	334	22
27.10	472	20.7	504	435	20
27.20	594	22.6	633	546	19
27.30	747	32.5	800	678	19
27.40	946	35.3	1001	881	19
27.50	1221	57.1	1311	1095	19
27.60	1642	150.0	1773	1427	4
27.70	2343	67.9	2391	2295	2
27.75	2988	139.3	3086	2889	2
27.76	3069	n/a	n/a	n/a	1

SVA

MEAN	S.D.	MAX	MIN	N
297.2	.14	297.5	297.0	22
278.2	.15	278.5	278.0	22
259.2	.14	259.5	259.0	22
240.3	.18	240.6	240.1	22
221.4	.20	221.8	221.1	23
202.5	.15	202.8	202.2	23
183.7	.15	183.9	183.2	23
164.8	.17	165.2	164.4	23
146.1	.18	146.6	145.9	22
127.7	.24	128.3	127.3	22
109.8	.21	110.2	109.4	22
101.0	.22	101.3	100.5	20
92.3	.19	92.6	91.9	19
83.6	.21	83.9	83.2	19
74.9	.18	75.2	74.6	19
66.3	.16	66.5	65.9	19
57.9	.57	58.4	57.1	4
49.4	.42	49.7	49.1	2
45.7	.14	45.8	45.6	2
45.0	n/a	n/a	n/a	1

THETA

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
25.00	10.26	.405	10.94	9.51	22
25.20	9.17	.414	9.95	8.29	22
25.40	8.08	.465	8.92	7.14	22
25.60	6.92	.433	7.72	6.05	22
25.80	5.93	.356	6.65	5.11	23
26.00	5.29	.498	6.45	4.67	23
26.20	5.13	.475	6.42	4.51	23
26.40	5.10	.452	6.40	4.38	23
26.60	5.02	.419	5.77	4.11	22
26.80	4.60	.284	5.05	4.01	22
27.00	3.92	.096	4.03	3.68	22
27.10	3.76	.061	3.84	3.57	20
27.20	3.53	.042	3.58	3.41	19
27.30	3.25	.037	3.31	3.16	19
27.40	2.90	.041	2.96	2.81	19
27.50	2.52	.066	2.64	2.38	19
27.60	2.10	.085	2.22	2.03	4
27.70	1.62	.071	1.67	1.57	2
27.75	1.37	.049	1.40	1.33	2
27.76	1.35	n/a	n/a	n/a	1

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
294.6	1.97	296.5	290.2	22
275.9	1.75	277.5	271.8	22
257.6	1.02	258.5	254.8	22
239.1	.55	239.5	237.2	22
220.3	.28	220.5	219.5	23
201.1	.49	201.5	200.0	23
182.1	.44	182.5	180.9	23
163.2	.26	163.5	162.5	23
144.4	.13	144.5	144.1	22
125.4	.05	125.5	125.3	22
106.3	.11	106.4	106.0	22
96.8	.05	96.9	96.7	20
87.3	.04	87.3	87.2	19
77.7	.05	77.8	77.7	19
68.2	.04	68.2	68.1	19
58.6	.08	58.7	58.4	19
48.8	.17	49.0	48.6	4
39.0	.07	39.1	39.0	2
34.0	.07	34.1	34.0	2
33.1	n/a	n/a	n/a	1

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DELTA D

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
25.00	1.054	.3145	1.770	.590	22
25.20	1.212	.3438	1.850	.730	22
25.40	1.405	.3834	2.070	.890	22
25.60	1.750	.4756	2.530	1.070	22
25.80	2.217	.5582	2.970	1.240	22
26.00	2.725	.6228	3.120	1.840	23
26.20	2.965	.6584	3.360	1.950	23
26.40	3.154	.6848	3.660	1.960	23
26.60	3.477	.7408	4.020	2.710	22
26.80	4.361	.8469	5.230	3.630	22
27.00	6.274	.9647	7.100	5.600	22
27.10	7.339	.9551	8.060	6.790	20
27.20	8.555	.9731	9.240	7.890	19
27.30	9.884	.9234	10.620	9.180	19
27.40	11.475	.8552	12.240	10.750	19
27.50	13.431	.5612	14.380	12.510	19
27.60	16.250	1.1326	17.200	14.620	4
27.70	20.140	.0000	20.140	20.140	2
27.75	23.225	.3182	23.450	23.000	2
27.76	23.830	n/a	n/a	n/a	1

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.18	.098	.45	.06	22
.24	.119	.49	.09	22
.32	.157	.62	.13	22
.51	.251	.96	.19	22
.85	.363	1.37	.26	23
1.31	.295	1.71	.62	23
1.57	.332	2.02	.66	23
1.81	.394	2.37	.66	23
2.24	.400	2.94	1.42	22
3.86	.600	5.58	2.90	22
9.53	1.025	12.00	7.83	22
14.19	1.261	16.51	12.15	20
20.68	1.613	23.42	17.49	19
30.06	2.540	34.35	25.03	19
43.90	3.278	49.29	38.04	19
65.75	5.792	74.64	53.44	19
105.24	17.222	119.72	80.31	4
184.07	8.577	190.13	178.00	2
269.16	20.690	283.79	254.53	2
280.13	n/a	n/a	n/a	1

DELTA DH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
25.00	10.752	.3035	11.275	10.048	19
25.20	10.607	.2933	11.079	9.970	19
25.40	10.410	.3185	10.980	9.898	19
25.60	10.057	.3373	10.616	9.540	19
25.80	9.614	.3847	10.185	9.031	20
26.00	9.113	.2804	10.025	8.716	20
26.20	8.874	.3199	10.016	8.485	20
26.40	8.686	.3621	10.007	8.287	20
26.60	8.352	.2163	8.701	8.020	19
26.80	7.460	.1911	7.795	7.069	19
27.00	5.550	.1598	5.809	5.194	19
27.10	4.468	.1534	4.728	4.197	19
27.20	3.277	.1492	3.602	3.018	19
27.30	1.919	.2346	2.422	1.533	19
27.40	.328	.2586	.796	-0.081	19
27.50	-1.627	.4150	-0.720	-2.272	19
27.60	-4.261	1.0155	-2.794	-5.115	4
27.70	-8.120	.3924	-7.843	-8.398	2
27.75	-11.207	.7142	-10.702	-11.712	2
27.76	-11.532	n/a	n/a	n/a	1

ACC. POT.

MEAN	S.D.	MAX	MIN	N
11.689	.2280	12.152	11.357	19
11.624	.2246	12.092	11.301	19
11.549	.2197	12.009	11.239	19
11.457	.2134	11.898	11.170	19
11.342	.2012	11.727	11.039	20
11.171	.1908	11.521	10.881	20
10.967	.1868	11.328	10.713	20
10.742	.1892	11.152	10.475	20
10.466	.1523	10.751	10.220	19
10.157	.1411	10.390	9.905	19
9.645	.1118	9.803	9.435	19
9.274	.0947	9.415	9.087	19
8.809	.0785	8.936	8.657	19
8.223	.0565	8.310	8.109	19
7.484	.0257	7.518	7.435	19
6.544	.0174	6.569	6.503	19
5.363	.0658	5.447	5.286	4
3.608	.1442	3.710	3.506	2
2.638	.0269	2.657	2.619	2
2.490	n/a	n/a	n/a	1

OXYGEN

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
25.00	7.10	.078	7.15	7.04	2
25.20	7.21	.134	7.30	7.11	2
25.40	7.23	.212	7.38	7.08	2
25.60	7.12	.297	7.33	6.91	2
25.80	6.89	.530	7.26	6.51	2
26.00	6.44	.566	6.84	6.04	2
26.20	5.82	.311	6.04	5.60	2
26.40	5.18	.021	5.20	5.17	2
26.60	4.28	.311	4.50	4.06	2
26.80	3.53	.333	3.39	3.06	2
27.00	1.59	.021	1.60	1.57	2
27.10	1.06	.035	1.09	1.04	2
27.20	.83	.113	.91	.75	2
27.30	.63	.042	.66	.60	2
27.40	.55	.035	.58	.53	2
27.50	.62	.000	.62	.62	2
27.60	1.01	.007	1.02	1.01	2
27.70	1.87	n/a	n/a	n/a	1
27.75	2.71	n/a	n/a	n/a	1
27.76	n/a	n/a	n/a	n/a	0

SOUND

MEAN	S.D.	MAX	MIN	N
1489	1.5	1491	1486	22
1485	1.6	1488	1482	22
1481	1.8	1484	1477	22
1477	1.6	1480	1473	22
1473	1.4	1476	1470	23
1471	2.1	1476	1468	23
1471	2.1	1476	1468	23
1471	1.8	1476	1468	23
1472	1.7	1475	1468	22
1471	1.3	1473	1469	22
1471	.7	1472	1470	22
1473	.6	1473	1471	20
1474	.4	1474	1473	19
1475	.7	1476	1474	19
1477	.7	1478	1476	19
1480	.8	1481	1479	19
1486	2.2	1488	1483	4
1497	.7	1497	1496	2
1507	2.1	1508	1505	2
1508	n/a	n/a	n/a	1

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TEMPERATURE

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
25.00	10.39	.485	11.29	9.68	17
25.20	9.37	.460	10.29	8.68	17
25.40	8.29	.455	9.32	7.58	17
25.60	7.07	.456	8.01	6.47	17
25.80	5.95	.398	6.63	5.30	17
26.00	5.17	.371	5.76	4.54	17
26.20	4.96	.330	5.55	4.49	17
26.40	4.91	.338	5.44	4.35	17
26.60	4.86	.427	5.31	4.15	17
26.80	4.48	.370	4.97	3.91	17
27.00	3.92	.123	4.07	3.59	17
27.10	3.80	.066	3.88	3.61	15
27.20	3.59	.056	3.67	3.46	15
27.30	3.30	.048	3.39	3.20	15
27.40	2.96	.046	3.03	2.87	15
27.50	2.59	.047	2.65	2.47	13
27.60	2.16	.074	2.22	2.08	3
27.70	1.82	.000	1.82	1.82	2
27.75	1.61	.014	1.62	1.60	2
27.76	1.56	.021	1.58	1.55	2

SALINITY

MEAN	S.D.	MAX	MIN	N
32.613	.0941	32.809	32.505	17
32.638	.0919	32.825	32.528	17
32.660	.0923	32.840	32.536	17
32.686	.0862	32.840	32.570	17
32.747	.0628	32.850	32.644	17
32.883	.0536	32.970	32.792	17
33.106	.0473	33.195	33.038	17
33.352	.0467	33.426	33.281	17
33.596	.0594	33.661	33.501	17
33.796	.0497	33.864	33.719	17
33.973	.0152	33.993	33.934	17
34.083	.0072	34.092	34.059	15
34.183	.0072	34.192	34.168	15
34.274	.0058	34.285	34.261	15
34.360	.0050	34.368	34.349	15
34.445	.0036	34.450	34.434	13
34.528	.0066	34.534	34.520	3
34.618	.0000	34.618	34.617	2
34.659	.0000	34.660	34.658	2
34.667	.0000	34.669	34.666	2

DEPTH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
25.00	37	6.3	45	22	17
25.20	41	6.8	52	25	17
25.40	46	8.9	61	27	17
25.60	58	16.6	95	29	17
25.80	80	20.1	107	45	17
26.00	108	14.5	129	78	17
26.20	125	13.1	152	103	17
26.40	136	13.7	166	115	17
26.60	153	13.9	184	132	17
26.80	217	22.4	263	158	17
27.00	384	16.9	420	356	17
27.10	490	19.8	534	457	15
27.20	609	21.2	646	572	15
27.30	762	28.7	811	714	15
27.40	965	36.7	1039	918	15
27.50	1239	39.2	1339	1190	13
27.60	1679	74.1	1764	1630	3
27.70	2301	7.1	2306	2296	2
27.75	2973	145.7	3076	2870	2
27.76	3190	186.7	3322	3058	2

SVA

MEAN	S.D.	MAX	MIN	N
297.1	.20	297.5	296.7	17
278.2	.20	278.5	277.6	17
259.2	.20	259.5	258.7	17
240.3	.22	240.8	239.9	17
221.4	.18	221.7	221.1	17
202.6	.15	202.9	202.3	17
183.7	.12	184.0	183.5	17
164.9	.12	165.1	164.7	17
146.1	.17	146.4	145.8	17
127.7	.28	128.2	127.3	17
109.9	.22	110.2	109.5	17
101.2	.16	101.4	100.9	15
92.2	.15	92.7	92.2	15
83.7	.15	84.0	83.5	15
75.0	.16	75.3	74.7	15
66.3	.14	66.5	66.1	13
57.9	.10	58.0	57.8	3
49.5	.07	49.6	49.5	2
45.8	.42	46.1	45.5	2
45.3	.35	45.5	45.0	2

THETA

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
25.00	10.39	.485	11.29	9.68	17
25.20	9.37	.460	10.28	8.68	17
25.40	8.28	.457	9.32	7.58	17
25.60	7.06	.457	8.01	6.46	17
25.80	5.95	.399	6.62	5.29	17
26.00	5.16	.370	5.75	4.54	17
26.20	4.95	.330	5.54	4.48	17
26.40	4.90	.338	5.43	4.34	17
26.60	4.84	.430	5.30	4.13	17
26.80	4.47	.371	4.96	3.89	17
27.00	3.89	.121	4.04	3.57	17
27.10	3.76	.064	3.84	3.58	15
27.20	3.54	.056	3.62	3.42	15
27.30	3.25	.049	3.34	3.14	15
27.40	2.90	.049	2.97	2.80	15
27.50	2.51	.050	2.57	2.38	13
27.60	2.05	.076	2.10	1.96	3
27.70	1.66	.000	1.66	1.66	2
27.75	1.38	.035	1.41	1.36	2
27.76	1.32	.042	1.35	1.29	2

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
292.2	3.63	296.5	282.8	17
274.3	3.09	277.5	264.2	17
256.8	2.67	258.5	247.9	17
238.4	1.77	239.5	233.6	17
220.2	.33	220.5	219.6	17
201.2	.36	201.5	200.3	17
182.2	.23	182.4	181.6	17
163.2	.31	163.5	162.5	17
144.3	.14	144.5	144.1	17
125.4	.04	125.5	125.4	17
106.3	.12	106.4	106.1	17
96.8	.03	96.8	96.7	15
87.3	.05	87.3	87.2	15
77.7	.04	77.8	77.7	15
68.2	.04	68.2	68.1	15
58.5	.07	58.6	58.4	13
48.7	.06	48.7	48.6	3
39.0	.07	39.1	39.0	2
34.0	.07	34.1	34.0	2
33.0	.14	33.1	32.9	2

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SIGMA -T.	DELTA D MEAN	S.D.	MAX	MIN	N	POT. ENERGY MEAN	S.D.	MAX	MIN	N
25.00	1.291	.2279	1.660	.760	17	.25	.078	.36	.08	17
25.20	1.398	.2375	1.740	.850	17	.28	.088	.43	.11	17
25.40	1.528	.2957	2.020	.900	17	.35	.125	.59	.12	17
25.60	1.834	.4755	2.860	.960	17	.54	.276	1.26	.14	17
25.80	2.334	.5544	3.150	1.360	17	.91	.394	1.55	.29	17
26.00	2.953	.4117	3.530	2.210	17	1.48	.376	2.03	.78	17
26.20	3.270	.3760	3.990	2.570	17	1.85	.395	2.69	1.19	17
26.40	3.478	.3856	4.230	2.790	17	2.13	.437	3.08	1.44	17
26.60	3.740	.3915	4.510	3.060	17	2.52	.477	3.59	1.78	17
26.80	4.609	.4274	5.250	3.410	17	4.19	.740	5.68	2.30	17
27.00	6.585	.3284	7.060	5.860	17	10.24	.880	12.04	8.88	17
27.10	7.691	.3623	8.270	7.010	15	15.30	1.247	17.97	13.36	15
27.20	8.854	.3593	9.370	8.140	15	21.86	1.543	24.61	19.39	15
27.30	10.209	.4005	10.820	9.500	15	31.42	2.355	35.45	27.71	15
27.40	11.836	.4753	12.570	11.010	15	45.86	3.521	52.65	41.22	15
27.50	13.758	.4571	14.590	12.940	13	67.86	4.418	78.91	63.28	13
27.60	16.587	.6753	17.250	15.900	3	109.69	10.279	121.45	102.42	3
27.70	19.840	.5091	20.200	19.480	2	176.30	2.446	178.03	174.57	2
27.75	23.085	.2192	23.240	22.930	2	265.00	19.742	278.96	251.04	2
27.76	24.100	.4242	24.400	23.800	2	297.37	28.016	317.18	277.56	2

SIGMA -T.	DELTA DH MEAN	S.D.	MAX	MIN	N	ACC. POT. MEAN	S.D.	MAX	MIN	N
25.00	10.760	.1838	10.954	10.420	15	11.837	.2371	12.082	11.302	15
25.20	10.662	.1648	10.898	10.336	15	11.766	.2295	11.997	11.247	15
25.40	10.537	.1783	10.805	10.171	15	11.687	.2204	11.908	11.192	15
25.60	10.223	.3583	10.703	9.472	15	11.595	.2072	11.816	11.135	15
25.80	9.696	.3832	10.222	9.165	15	11.470	.1829	11.660	11.061	15
26.00	9.123	.2287	9.515	8.834	15	11.290	.1584	11.484	10.937	15
26.20	8.812	.2196	9.195	8.490	15	11.071	.1486	11.275	10.753	15
26.40	8.607	.2371	9.040	8.297	15	10.828	.1453	11.047	10.545	15
26.60	8.350	.2145	8.749	8.077	15	10.562	.1450	10.789	10.313	15
26.80	7.457	.2260	8.020	6.956	15	10.241	.1333	10.464	10.048	15
27.00	5.442	.1081	5.588	5.222	15	9.716	.0966	9.890	9.562	15
27.10	4.333	.1341	4.551	4.011	15	9.332	.0823	9.473	9.204	15
27.20	3.171	.1449	3.437	2.915	15	8.851	.0638	8.967	8.753	15
27.30	1.815	.2102	2.179	1.459	15	8.249	.0430	8.328	8.188	15
27.40	.188	.2768	.541	-0.376	15	7.498	.0161	7.527	7.466	15
27.50	-1.764	.2958	-1.411	-2.525	13	6.541	.0255	6.568	6.474	13
27.60	-4.548	.5587	-4.178	-5.191	3	5.285	.1199	5.363	5.147	3
27.70	-7.808	.0799	-7.752	-7.865	2	3.740	.0170	3.752	3.728	2
27.75	-11.057	.6512	-10.597	-11.518	2	2.765	.1485	2.870	2.660	2
27.76	-12.067	.8556	-11.462	-12.672	2	2.581	.1280	2.672	2.491	2

SIGMA -T.	OXYGEN MEAN	S.D.	MAX	MIN	N	SOUND MEAN	S.D.	MAX	MIN	N
25.00	5.07	n/a	n/a	n/a	1	1489	2.0	1493	1487	17
25.20	4.98	n/a	n/a	n/a	1	1486	1.8	1489	1483	17
25.40	4.90	n/a	n/a	n/a	1	1482	1.9	1486	1479	17
25.60	4.83	n/a	n/a	n/a	1	1477	1.8	1481	1475	17
25.80	4.80	n/a	n/a	n/a	1	1473	1.5	1476	1471	17
26.00	5.39	n/a	n/a	n/a	1	1471	1.5	1473	1468	17
26.20	5.58	n/a	n/a	n/a	1	1470	1.3	1473	1469	17
26.40	4.99	n/a	n/a	n/a	1	1471	1.4	1473	1468	17
26.60	4.44	n/a	n/a	n/a	1	1471	1.8	1473	1468	17
26.80	3.19	n/a	n/a	n/a	1	1471	1.7	1473	1468	17
27.00	1.68	n/a	n/a	n/a	1	1472	.8	1473	1470	17
27.10	1.09	n/a	n/a	n/a	1	1473	.4	1473	1472	15
27.20	.77	n/a	n/a	n/a	1	1474	.5	1475	1473	15
27.30	.58	n/a	n/a	n/a	1	1476	.5	1476	1475	15
27.40	.49	n/a	n/a	n/a	1	1477	.5	1478	1477	15
27.50	.58	n/a	n/a	n/a	1	1481	.6	1482	1480	13
27.60	.90	n/a	n/a	n/a	1	1486	.6	1487	1486	3
27.70	1.71	n/a	n/a	n/a	1	1496	.7	1496	1495	2
27.75	2.61	n/a	n/a	n/a	1	1507	2.1	1508	1505	2
27.76	2.77	n/a	n/a	n/a	1	1510	2.8	1512	1508	2

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TEMPERATURE

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
25.00	10.15	.470	10.76	9.64	6
25.20	9.17	.541	9.84	8.44	8
25.40	8.04	.499	8.64	7.35	8
25.60	7.01	.437	7.59	6.34	8
25.80	6.04	.347	6.60	5.67	8
26.00	5.44	.435	5.97	4.56	8
26.20	5.22	.378	5.72	4.64	8
26.40	5.16	.190	5.53	4.90	8
26.60	5.11	.152	5.36	4.90	8
26.80	4.68	.131	4.88	4.54	8
27.00	4.03	.104	4.23	3.89	8
27.10	3.85	.063	3.97	3.79	8
27.20	3.60	.037	3.65	3.54	8
27.30	3.32	.048	3.42	3.28	8
27.40	2.98	.046	3.09	2.95	8
27.50	2.62	.042	2.69	2.58	7
27.60	2.23	.050	2.29	2.18	5
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

SALINITY

MEAN	S.D.	MAX	MIN	N
32.548	.0782	32.642	32.448	6
32.600	.0804	32.695	32.490	8
32.637	.0864	32.751	32.529	8
32.688	.0782	32.804	32.565	8
32.760	.0533	32.850	32.700	8
32.930	.0694	33.012	32.793	8
33.144	.0544	33.222	33.060	8
33.388	.0287	33.439	33.348	8
33.632	.0226	33.666	33.601	8
33.821	.0187	33.849	33.803	8
33.988	.0129	34.013	33.973	8
34.090	.0060	34.105	34.083	8
34.184	.0057	34.190	34.177	8
34.276	.0077	34.288	34.271	8
34.363	.0052	34.375	34.359	8
34.449	.0040	34.455	34.443	7
34.534	.0008	34.538	34.530	5
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

DEPTH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
25.00	53	5.9	60	42	6
25.20	56	5.5	64	48	8
25.40	62	5.6	68	51	8
25.60	68	8.0	80	55	8
25.80	81	11.4	98	62	8
26.00	98	10.4	112	87	8
26.20	113	13.4	132	95	8
26.40	127	12.9	146	108	8
26.60	147	11.4	162	131	8
26.80	213	12.8	236	195	8
27.00	382	25.9	409	334	8
27.10	485	28.6	518	436	8
27.20	604	30.6	648	554	8
27.30	755	31.1	790	700	8
27.40	952	31.6	984	885	8
27.50	1221	48.0	1269	1145	7
27.60	1578	93.4	1660	1476	5
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

SVA

MEAN	S.D.	MAX	MIN	N
297.5	.14	297.7	297.3	6
278.4	.16	278.6	278.2	8
259.3	.16	259.5	259.1	8
240.4	.14	240.6	240.2	8
221.5	.15	221.7	221.2	8
202.5	.14	202.7	202.4	8
183.7	.11	183.9	183.6	8
164.9	.15	165.1	164.7	8
146.2	.12	146.3	146.0	8
127.8	.14	127.9	127.5	8
109.9	.21	110.2	109.7	8
101.2	.25	101.5	100.8	8
92.4	.22	92.7	92.1	8
83.7	.15	83.9	83.5	8
75.0	.11	75.1	74.8	8
66.3	.21	66.7	66.1	7
57.7	.38	58.0	57.2	5
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

THETA

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
25.00	10.14	.470	10.76	9.63	6
25.20	9.16	.542	9.83	8.43	8
25.40	8.04	.500	8.63	7.34	8
25.60	7.01	.437	7.58	6.33	8
25.80	6.03	.345	6.59	5.67	8
26.00	5.44	.435	5.96	4.55	8
26.20	5.21	.376	5.71	4.64	8
26.40	5.15	.190	5.52	4.89	8
26.60	5.10	.150	5.34	4.89	8
26.80	4.66	.131	4.86	4.52	8
27.00	4.01	.105	4.21	3.87	8
27.10	3.81	.061	3.93	3.75	8
27.20	3.55	.037	3.61	3.50	8
27.30	3.27	.049	3.37	3.23	8
27.40	2.92	.049	3.03	2.88	8
27.50	2.54	.044	2.61	2.49	7
27.60	2.12	.056	2.19	2.07	5
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

SVA (THETA)

MEAN	S.D.	MAX	MIN	N
293.0	2.64	296.3	289.5	6
274.1	3.51	277.5	269.9	8
255.1	2.84	258.3	251.0	8
237.6	1.86	239.5	234.6	8
220.5	.35	220.5	219.5	8
200.7	.67	201.5	199.8	8
182.2	.30	182.5	181.7	8
163.2	.29	163.4	162.6	8
144.3	.20	144.4	143.9	8
125.4	.04	125.5	125.4	8
106.3	.10	106.4	106.1	8
96.8	.07	96.8	96.6	8
87.3	.05	87.3	87.2	8
77.7	.05	77.8	77.7	8
68.2	.05	68.2	68.1	8
58.5	.08	58.6	58.4	7
48.8	.21	49.0	48.6	5
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

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DELTA D

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
25.00	1.700	.2582	2.130	1.320	6
25.20	1.755	.2681	2.250	1.400	8
25.40	1.897	.2486	2.360	1.590	8
25.60	2.061	.2881	2.640	1.690	8
25.80	2.351	.3571	3.070	1.840	8
26.00	2.736	.2810	3.270	2.510	8
26.20	3.018	.2674	3.440	2.670	8
26.40	3.263	.2518	3.640	2.890	8
26.60	3.572	.2269	3.940	3.280	8
26.80	4.468	.3004	5.150	4.160	8
27.00	6.467	.4008	7.200	5.860	8
27.10	7.563	.4190	8.290	6.940	8
27.20	8.731	.4392	9.430	8.080	8
27.30	10.061	.4424	10.760	9.370	8
27.40	11.644	.4420	12.340	10.850	8
27.50	13.550	.5222	14.270	12.700	7
27.60	15.792	.8086	16.650	14.760	5
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
.46	.118	.65	.28	6
.51	.120	.72	.36	8
.59	.122	.80	.41	8
.70	.165	1.01	.46	8
.93	.256	1.40	.55	8
1.29	.246	1.61	1.04	8
1.60	.305	2.00	1.19	8
1.90	.326	2.35	1.43	8
2.33	.329	2.74	1.88	8
3.98	.400	4.83	3.56	8
10.08	1.149	11.60	8.06	8
14.95	1.584	16.72	12.31	8
21.49	2.060	24.29	18.14	8
30.79	2.522	33.65	26.44	8
44.64	2.951	47.23	38.48	8
66.03	4.822	70.90	57.72	7
98.13	10.426	107.55	85.44	5
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

DELTA DH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
25.00	10.315	.1019	10.488	10.210	6
25.20	10.176	.1166	10.319	10.042	8
25.40	10.031	.1440	10.210	9.815	8
25.60	9.870	.1852	10.140	9.571	8
25.80	9.579	.2417	9.962	9.112	8
26.00	9.195	.2399	9.451	8.726	8
26.20	8.914	.3037	9.293	8.502	8
26.40	8.667	.3066	9.063	8.253	8
26.60	8.359	.2909	8.684	7.913	8
26.80	7.465	.1159	7.609	7.332	8
27.00	5.462	.1698	5.770	5.274	8
27.10	4.369	.2068	4.694	4.114	8
27.20	3.199	.2290	3.546	2.842	8
27.30	1.867	.2323	2.256	1.575	8
27.40	.286	.2317	.775	.047	8
27.50	-1.627	.3528	-1.069	-1.996	7
27.60	-3.842	.6334	-3.128	-4.402	5
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

ACC. POT.

MEAN	S.D.	MAX	MIN	N
11.887	.1400	12.144	11.733	6
11.751	.1255	12.025	11.627	8
11.638	.1204	11.899	11.508	8
11.515	.1166	11.763	11.378	8
11.375	.1107	11.592	11.215	8
11.203	.1066	11.395	11.014	8
11.001	.1107	11.183	10.792	8
10.775	.1236	10.954	10.542	8
10.519	.1399	10.697	10.264	8
10.205	.1463	10.370	9.937	8
9.695	.1242	9.811	9.467	8
9.312	.1021	9.407	9.121	8
8.834	.0748	8.901	8.691	8
8.240	.0458	8.280	8.150	8
7.494	.0177	7.513	7.457	8
6.557	.0099	6.576	6.544	7
5.362	.0341	5.405	5.317	5
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

OXYGEN

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
25.00	6.49	n/a	n/a	n/a	1
25.20	6.56	n/a	n/a	n/a	1
25.40	6.62	n/a	n/a	n/a	1
25.60	6.67	n/a	n/a	n/a	1
25.80	6.59	n/a	n/a	n/a	1
26.00	6.02	n/a	n/a	n/a	1
26.20	5.51	n/a	n/a	n/a	1
26.40	5.00	n/a	n/a	n/a	1
26.60	4.51	n/a	n/a	n/a	1
26.80	3.15	n/a	n/a	n/a	1
27.00	1.60	n/a	n/a	n/a	1
27.10	1.12	n/a	n/a	n/a	1
27.20	.82	n/a	n/a	n/a	1
27.30	.60	n/a	n/a	n/a	1
27.40	.55	n/a	n/a	n/a	1
27.50	.63	n/a	n/a	n/a	1
27.60	1.07	n/a	n/a	n/a	1
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

SOUND

MEAN	S.D.	MAX	MIN	N
1489	1.7	1491	1487	6
1485	2.1	1488	1482	8
1481	1.9	1483	1478	8
1477	2.0	1480	1474	8
1474	1.6	1476	1472	8
1472	1.8	1474	1468	8
1471	1.6	1473	1469	8
1472	.7	1473	1471	8
1472	.6	1473	1471	8
1471	.5	1472	1471	8
1472	.5	1472	1471	8
1473	.6	1474	1472	8
1474	.5	1475	1473	8
1476	.5	1476	1475	8
1478	.5	1478	1477	8
1481	.5	1481	1480	7
1485	1.3	1486	1483	5
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0

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TEMPERATURE

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
25.00	n/a	n/a	n/a	n/a	0
25.20	9.33	.257	9.59	9.06	4
25.40	8.17	.422	8.94	7.71	6
25.60	7.03	.324	7.64	6.65	7
25.80	6.06	.345	6.48	5.69	7
26.00	5.16	.320	5.78	4.78	7
26.20	4.88	.475	5.56	4.18	7
26.40	4.92	.428	5.58	4.42	7
26.60	4.93	.413	5.61	4.49	7
26.80	4.50	.366	4.96	3.93	7
27.00	3.94	.170	4.22	3.69	7
27.10	3.81	.078	3.92	3.68	6
27.20	3.61	.033	3.66	3.56	6
27.30	3.33	.053	3.43	3.28	6
27.40	2.99	.044	3.04	2.93	6
27.50	2.64	.048	2.72	2.60	5
27.60	2.21	.007	2.21	2.20	2
27.70	1.81	n/a	n/a	n/a	1
27.75	1.61	n/a	n/a	n/a	1
27.76	1.59	n/a	n/a	n/a	1

SALINITY

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
25.00	n/a	n/a	n/a	n/a	0
25.20	32.596	.0602	32.658	32.537	4
25.40	32.630	.0757	32.764	32.542	6
25.60	32.681	.0575	32.802	32.630	7
25.80	32.764	.0539	32.836	32.706	7
26.00	32.880	.0467	32.970	32.824	7
26.20	33.093	.0670	33.190	32.997	7
26.40	33.351	.0617	33.447	33.281	7
26.60	33.607	.0594	33.707	33.543	7
26.80	33.797	.0497	33.861	33.721	7
27.00	33.975	.0213	34.011	33.945	7
27.10	34.086	.0093	34.099	34.069	6
27.20	34.186	.0049	34.191	34.180	6
27.30	34.277	.0061	34.289	34.271	6
27.40	34.363	.0064	34.369	34.356	6
27.50	34.449	.0000	34.458	34.446	5
27.60	34.533	.0049	34.533	34.532	2
27.70	34.617	n/a	n/a	n/a	1
27.75	34.659	n/a	n/a	n/a	1
27.76	34.670	n/a	n/a	n/a	1

DEPTH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
25.00	n/a	n/a	n/a	n/a	0
25.20	44	28.8	67	2	4
25.40	63	9.9	77	49	6
25.60	72	10.9	84	58	7
25.80	84	13.4	102	67	7
26.00	106	16.2	126	87	7
26.20	123	16.0	139	96	7
26.40	134	16.2	150	106	7
26.60	148	18.3	170	119	7
26.80	203	23.0	241	175	7
27.00	362	24.4	406	336	7
27.10	462	29.5	504	428	6
27.20	582	33.6	638	542	6
27.30	727	36.7	768	662	6
27.40	934	38.1	982	870	6
27.50	1196	32.7	1248	1159	5
27.60	1642	27.6	1661	1622	2
27.70	2294	n/a	n/a	n/a	1
27.75	2921	n/a	n/a	n/a	1
27.76	3056	n/a	n/a	n/a	1

SVA

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
25.00	n/a	n/a	n/a	n/a	0
25.20	278.4	.46	278.7	277.7	4
25.40	259.5	.15	259.7	259.4	6
25.60	240.5	.13	240.7	240.3	7
25.80	221.5	.12	221.7	221.4	7
26.00	202.6	.13	202.8	202.4	7
26.20	183.7	.19	184.0	183.4	7
26.40	164.9	.17	165.2	164.7	7
26.60	146.1	.21	146.5	145.9	7
26.80	127.6	.30	128.2	127.3	7
27.00	109.7	.32	110.3	109.4	7
27.10	101.0	.32	101.5	100.6	6
27.20	92.3	.31	92.8	92.0	6
27.30	83.5	.24	83.9	83.2	6
27.40	74.9	.15	75.0	74.6	6
27.50	66.2	.17	66.5	66.1	5
27.60	58.0	.07	58.0	57.9	2
27.70	49.6	n/a	n/a	n/a	1
27.75	45.5	n/a	n/a	n/a	1
27.76	45.0	n/a	n/a	n/a	1

THETA

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
25.00	n/a	n/a	n/a	n/a	0
25.20	9.33	.255	9.59	9.06	4
25.40	8.17	.427	8.94	7.70	6
25.60	7.02	.322	7.63	6.64	7
25.80	6.06	.346	6.48	5.68	7
26.00	5.15	.325	5.78	4.77	7
26.20	4.87	.475	5.55	4.17	7
26.40	4.91	.428	5.57	4.41	7
26.60	4.92	.412	5.59	4.48	7
26.80	4.48	.368	4.94	3.91	7
27.00	3.91	.170	4.19	3.66	7
27.10	3.78	.076	3.88	3.65	6
27.20	3.57	.032	3.61	3.52	6
27.30	3.28	.054	3.38	3.23	6
27.40	2.93	.046	2.98	2.86	6
27.50	2.55	.050	2.64	2.52	5
27.60	2.09	.007	2.10	2.09	2
27.70	1.65	n/a	n/a	n/a	1
27.75	1.39	n/a	n/a	n/a	1
27.76	1.35	n/a	n/a	n/a	1

SVA (THETA)

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
25.00	n/a	n/a	n/a	n/a	0
25.20	276.7	.57	277.4	276.2	4
25.40	257.3	1.06	258.4	256.0	6
25.60	238.2	.94	239.5	237.0	7
25.80	220.2	.39	220.5	219.5	7
26.00	201.4	.14	201.5	201.1	7
26.20	182.4	.07	182.5	182.3	7
26.40	163.4	.09	163.5	163.3	7
26.60	144.3	.14	144.5	144.1	7
26.80	125.5	.04	125.5	125.4	7
27.00	106.3	.08	106.4	106.2	7
27.10	96.8	.06	96.9	96.7	6
27.20	87.3	.04	87.3	87.2	6
27.30	77.7	.05	77.8	77.7	6
27.40	68.2	.01	68.2	68.2	6
27.50	58.6	.04	58.6	58.5	5
27.60	48.6	.07	48.7	48.6	2
27.70	39.0	n/a	n/a	n/a	1
27.75	34.1	n/a	n/a	n/a	1
27.76	33.0	n/a	n/a	n/a	1

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DELTA D

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
25.00	n/a	n/a	n/a	n/a	0
25.20	1.260	.8353	1.940	.050	4
25.40	1.752	.2713	2.060	1.330	6
25.60	1.959	.2620	2.260	1.570	7
25.80	2.246	.3199	2.690	1.790	7
26.00	2.693	.3957	3.140	2.220	7
26.20	3.031	.3752	3.410	2.580	7
26.40	3.230	.3738	3.620	2.770	7
26.60	3.447	.4099	3.920	2.970	7
26.80	4.183	.4801	4.870	3.520	7
27.00	6.076	.4549	6.850	5.480	7
27.10	7.107	.5044	7.900	6.540	6
27.20	8.277	.5548	9.210	7.660	6
27.30	9.565	.5704	10.360	8.720	6
27.40	11.220	.5537	11.900	10.370	6
27.50	13.072	.5282	13.960	12.690	5
27.60	15.960	.8485	16.560	15.360	2
27.70	18.980	n/a	n/a	n/a	1
27.75	22.010	n/a	n/a	n/a	1
27.76	22.640	n/a	n/a	n/a	1

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
.37	.279	.66	.00	4
.57	.174	.81	.33	6
.73	.197	.97	.46	7
.97	.273	1.36	.60	7
1.41	.409	1.93	.94	7
1.81	.427	2.30	1.21	7
2.07	.457	2.53	1.38	7
2.39	.547	3.02	1.61	7
3.72	.826	5.05	2.78	7
5.18	1.269	11.59	7.93	7
13.65	1.786	16.47	11.95	6
19.93	2.442	24.16	17.21	6
28.59	2.955	32.50	23.76	6
42.73	3.637	46.82	36.79	6
63.04	3.818	69.51	59.46	5
104.10	5.919	108.28	99.91	2
172.94	n/a	n/a	n/a	1
254.44	n/a	n/a	n/a	1
273.76	n/a	n/a	n/a	1

DELTA DH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
25.00	n/a	n/a	n/a	n/a	0
25.20	10.331	.7670	11.206	9.776	3
25.40	9.935	.2697	10.371	9.689	5
25.60	9.658	.2094	9.897	9.342	6
25.80	9.432	.2029	9.739	9.108	6
26.00	9.001	.1993	9.267	8.651	6
26.20	8.658	.2863	9.117	8.380	6
26.40	8.472	.2814	8.950	8.200	6
26.60	8.269	.2650	8.749	8.017	6
26.80	7.533	.2131	7.803	7.260	6
27.00	5.596	.1912	5.806	5.281	6
27.10	4.531	.2212	4.827	4.238	6
27.20	3.361	.2449	3.605	2.926	6
27.30	2.073	.2649	2.545	1.771	6
27.40	.416	.2806	.887	.060	6
27.50	-1.450	.2372	-1.181	-1.827	5
27.60	-4.257	.2312	-4.093	-4.420	2
27.70	-7.721	n/a	n/a	n/a	1
27.75	-10.748	n/a	n/a	n/a	1
27.76	-11.373	n/a	n/a	n/a	1

ACC. POT.

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
11.502	.2099	11.642	11.261	3
11.595	.3144	12.036	11.193	5
11.434	.2771	11.894	11.092	6
11.285	.2606	11.720	10.972	6
11.108	.2360	11.502	10.827	6
10.894	.2153	11.263	10.638	6
10.654	.2047	11.006	10.411	6
10.395	.1963	10.724	10.166	6
10.092	.1804	10.376	9.882	6
9.596	.1425	9.799	9.411	6
9.233	.1179	9.395	9.064	6
8.779	.0951	8.901	8.628	6
8.204	.0612	8.269	8.099	6
7.482	.0235	7.505	7.440	6
6.554	.0153	6.577	6.538	5
5.368	.0566	5.408	5.328	2
3.796	n/a	n/a	n/a	1
2.749	n/a	n/a	n/a	1
2.591	n/a	n/a	n/a	1

OXYGEN

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
25.00	n/a	n/a	n/a	n/a	0
25.20	6.61	n/a	n/a	n/a	1
25.40	6.65	n/a	n/a	n/a	1
25.60	6.76	n/a	n/a	n/a	1
25.80	6.85	n/a	n/a	n/a	1
26.00	7.04	n/a	n/a	n/a	1
26.20	6.46	n/a	n/a	n/a	1
26.40	5.65	n/a	n/a	n/a	1
26.60	4.82	n/a	n/a	n/a	1
26.80	3.62	n/a	n/a	n/a	1
27.00	1.92	n/a	n/a	n/a	1
27.10	1.23	n/a	n/a	n/a	1
27.20	.93	n/a	n/a	n/a	1
27.30	.68	n/a	n/a	n/a	1
27.40	.59	n/a	n/a	n/a	1
27.50	.60	n/a	n/a	n/a	1
27.60	.95	n/a	n/a	n/a	1
27.70	1.70	n/a	n/a	n/a	1
27.75	2.63	n/a	n/a	n/a	1
27.76	2.74	n/a	n/a	n/a	1

SOUND

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
1486	.6	1486	1485	4
1482	1.4	1484	1480	6
1477	1.4	1480	1476	7
1474	1.1	1475	1472	7
1471	1.4	1473	1469	7
1470	1.8	1472	1467	7
1471	1.9	1474	1468	7
1471	1.5	1474	1470	7
1471	1.5	1473	1469	7
1471	1.2	1473	1470	7
1473	1.0	1474	1471	6
1474	.8	1475	1473	6
1475	.6	1476	1474	6
1477	.8	1478	1476	6
1480	.4	1481	1480	5
1486	.0	1486	1486	2
1495	n/a	n/a	n/a	1
1505	n/a	n/a	n/a	1
1508	n/a	n/a	n/a	1

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TEMPERATURE

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	8.08	.515	8.82	7.70	5
25.60	6.99	.367	7.73	6.53	11
25.80	6.07	.290	6.62	5.45	15
26.00	5.30	.330	6.04	4.70	15
26.20	4.85	.378	5.42	4.16	15
26.40	4.79	.402	5.55	4.28	15
26.60	4.79	.440	5.44	3.94	15
26.80	4.57	.342	4.91	3.77	15
27.00	3.94	.105	4.17	3.76	13
27.10	3.79	.061	3.89	3.70	12
27.20	3.57	.039	3.65	3.51	12
27.30	3.30	.043	3.36	3.23	12
27.40	2.97	.037	3.04	2.93	12
27.50	2.61	.058	2.73	2.55	10
27.60	2.16	.057	2.20	2.12	2
27.70	1.78	n/a	n/a	n/a	1
27.75	1.56	n/a	n/a	n/a	1
27.76	1.52	n/a	n/a	n/a	1

SALINITY

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	32.601	.0981	32.742	32.531	5
25.60	32.661	.0659	32.800	32.583	11
25.80	32.765	.0473	32.850	32.667	15
26.00	32.903	.0499	33.013	32.814	15
26.20	33.091	.0519	33.170	32.996	15
26.40	33.335	.0549	33.441	33.262	15
26.60	33.586	.0604	33.679	33.471	15
26.80	33.807	.0459	33.854	33.701	15
27.00	33.976	.0122	34.005	33.957	13
27.10	34.082	.0077	34.095	34.071	12
27.20	34.181	.0059	34.190	34.174	12
27.30	34.274	.0050	34.282	34.266	12
27.40	34.361	.0048	34.369	34.357	12
27.50	34.447	.0058	34.459	34.441	10
27.60	34.528	.0070	34.531	34.525	2
27.70	34.613	n/a	n/a	n/a	1
27.75	34.655	n/a	n/a	n/a	1
27.76	34.663	n/a	n/a	n/a	1

DEPTH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	82	10.3	97	71	5
25.60	80	14.7	102	53	11
25.80	92	10.5	109	74	15
26.00	106	10.8	126	88	15
26.20	118	10.7	135	97	15
26.40	130	10.5	147	112	15
26.60	147	11.7	166	129	15
26.80	205	17.1	238	174	15
27.00	368	19.8	411	346	13
27.10	466	27.5	512	431	12
27.20	600	27.9	647	563	12
27.30	755	25.4	808	720	12
27.40	954	31.6	1018	905	12
27.50	1218	45.6	1297	1150	10
27.60	1699	89.1	1762	1636	2
27.70	2331	n/a	n/a	n/a	1
27.75	3118	n/a	n/a	n/a	1
27.76	3481	n/a	n/a	n/a	1

SVA

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	259.9	.23	260.2	259.6	5
25.60	240.6	.22	241.1	240.3	11
25.80	221.6	.14	221.9	221.4	15
26.00	202.6	.14	202.9	202.4	15
26.20	183.7	.16	183.9	183.4	15
26.40	164.8	.16	165.0	164.6	15
26.60	146.1	.18	146.3	145.8	15
26.80	127.6	.26	128.0	127.2	15
27.00	109.8	.24	110.3	109.5	13
27.10	101.0	.26	101.5	100.7	12
27.20	92.4	.22	92.8	92.1	12
27.30	83.7	.18	84.0	83.4	12
27.40	75.0	.17	75.3	74.7	12
27.50	66.2	.22	66.5	65.8	10
27.60	58.1	.21	58.2	57.9	2
27.70	49.3	n/a	n/a	n/a	1
27.75	46.0	n/a	n/a	n/a	1
27.76	45.5	n/a	n/a	n/a	1

THETA

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	8.07	.515	8.81	7.70	5
25.60	6.98	.366	7.72	6.53	11
25.80	6.06	.289	6.62	5.45	15
26.00	5.29	.333	6.04	4.69	15
26.20	4.84	.378	5.41	4.15	15
26.40	4.78	.401	5.54	4.27	15
26.60	4.78	.440	5.43	3.93	15
26.80	4.55	.343	4.89	3.75	15
27.00	3.91	.106	4.14	3.73	13
27.10	3.76	.060	3.85	3.67	12
27.20	3.53	.038	3.60	3.47	12
27.30	3.25	.045	3.31	3.17	12
27.40	2.90	.039	2.98	2.87	12
27.50	2.53	.058	2.64	2.46	10
27.60	2.04	.064	2.09	2.00	2
27.70	1.62	n/a	n/a	n/a	1
27.75	1.33	n/a	n/a	n/a	1
27.76	1.25	n/a	n/a	n/a	1

SVA (THETA)

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	258.2	.19	258.5	258.0	5
25.60	239.5	.47	239.5	238.3	11
25.80	220.5	.43	220.5	219.3	15
26.00	201.6	.57	201.5	199.5	15
26.20	182.3	.32	182.5	181.4	15
26.40	163.3	.23	163.5	162.7	15
26.60	144.4	.08	144.5	144.2	15
26.80	125.4	.05	125.5	125.4	15
27.00	106.3	.13	106.4	106.0	13
27.10	96.8	.04	96.9	96.7	12
27.20	87.3	.04	87.3	87.2	12
27.30	77.7	.03	77.8	77.7	12
27.40	68.2	.05	68.2	68.1	12
27.50	58.5	.06	58.6	58.4	10
27.60	48.6	.14	48.7	48.5	2
27.70	39.1	n/a	n/a	n/a	1
27.75	34.0	n/a	n/a	n/a	1
27.76	32.8	n/a	n/a	n/a	1

STATION MP24 D E C E M B E R 1956 to 1990

DELTA D

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	2.230	.2658	2.620	1.910	5
25.60	2.058	.4352	2.760	1.310	11
25.80	2.294	.3007	2.930	1.800	15
26.00	2.590	.3281	3.280	2.010	15
26.20	2.823	.3202	3.470	2.170	15
26.40	3.038	.3075	3.600	2.440	15
26.60	3.306	.3238	3.830	2.750	15
26.80	4.082	.3613	4.650	3.460	15
27.00	5.987	.3438	6.340	5.500	13
27.10	7.026	.4422	7.660	6.400	12
27.20	8.331	.4395	9.080	7.670	12
27.30	9.707	.4139	10.380	9.110	12
27.40	11.306	.4629	12.190	10.620	12
27.50	13.179	.5098	14.050	12.290	10
27.60	16.375	.8556	16.980	15.770	2
27.70	19.550	n/a	n/a	n/a	1
27.75	23.310	n/a	n/a	n/a	1
27.76	25.010	n/a	n/a	n/a	1

POT. ENERGY

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
.95	.232	1.30	.70	5
.87	.324	1.44	.36	11
1.09	.255	1.62	.68	15
1.39	.300	2.04	.91	15
1.66	.317	2.30	1.07	15
1.93	.326	2.49	1.36	15
2.31	.377	2.84	1.74	15
3.72	.580	4.60	2.70	15
9.36	1.015	11.53	8.11	13
13.82	1.635	16.68	11.72	12
20.96	2.006	24.35	18.21	12
30.52	2.242	35.22	27.71	12
44.57	3.154	50.86	40.20	12
65.40	4.819	74.59	58.12	10
111.90	12.410	120.67	103.12	2
180.03	n/a	n/a	n/a	1
285.89	n/a	n/a	n/a	1
343.97	n/a	n/a	n/a	1

DELTA DH

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	9.672	.0894	9.769	9.593	3
25.60	9.613	.2237	9.978	9.134	9
25.80	9.344	.1828	9.577	8.989	12
26.00	9.048	.1598	9.302	8.781	12
26.20	8.812	.1570	9.056	8.568	12
26.40	8.589	.1675	8.898	8.368	12
26.60	8.322	.1850	8.590	8.053	12
26.80	7.555	.1759	7.740	7.207	12
27.00	5.562	.1480	5.728	5.262	12
27.10	4.550	.2074	4.885	4.224	12
27.20	3.243	.2061	3.510	2.901	12
27.30	1.867	.1836	2.113	1.474	12
27.40	.269	.2365	.633	-.215	12
27.50	-1.602	.3341	-1.106	-2.192	10
27.60	-4.659	.6548	-4.196	-5.122	2
27.70	-7.968	n/a	n/a	n/a	1
27.75	-11.734	n/a	n/a	n/a	1
27.76	-13.434	n/a	n/a	n/a	1

ACC. POT.

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
11.793	.1402	11.952	11.686	3
11.483	.1888	11.777	11.166	9
11.350	.1970	11.688	11.032	12
11.165	.1864	11.482	10.870	12
10.955	.1752	11.263	10.678	12
10.724	.1662	11.024	10.462	12
10.466	.1569	10.752	10.226	12
10.158	.1428	10.428	9.961	12
9.659	.1138	9.881	9.512	12
9.291	.0951	9.469	9.167	12
8.829	.0698	8.958	8.735	12
8.239	.0463	8.326	8.176	12
7.492	.0214	7.533	7.457	12
6.548	.0220	6.596	6.527	10
5.319	.0884	5.382	5.257	2
3.682	n/a	n/a	n/a	1
2.811	n/a	n/a	n/a	1
2.644	n/a	n/a	n/a	1

OXYGEN

SIGMA -T.	MEAN	S.D.	MAX	MIN	N
25.00	n/a	n/a	n/a	n/a	0
25.20	n/a	n/a	n/a	n/a	0
25.40	n/a	n/a	n/a	n/a	0
25.60	n/a	n/a	n/a	n/a	0
25.80	n/a	n/a	n/a	n/a	0
26.00	n/a	n/a	n/a	n/a	0
26.20	n/a	n/a	n/a	n/a	0
26.40	n/a	n/a	n/a	n/a	0
26.60	n/a	n/a	n/a	n/a	0
26.80	n/a	n/a	n/a	n/a	0
27.00	n/a	n/a	n/a	n/a	0
27.10	n/a	n/a	n/a	n/a	0
27.20	n/a	n/a	n/a	n/a	0
27.30	n/a	n/a	n/a	n/a	0
27.40	n/a	n/a	n/a	n/a	0
27.50	n/a	n/a	n/a	n/a	0
27.60	n/a	n/a	n/a	n/a	0
27.70	n/a	n/a	n/a	n/a	0
27.75	n/a	n/a	n/a	n/a	0
27.76	n/a	n/a	n/a	n/a	0

SOUND

MEAN	S.D.	MAX	MIN	N
n/a	n/a	n/a	n/a	0
n/a	n/a	n/a	n/a	0
1452	2.3	1485	1480	5
1477	1.7	1481	1475	11
1474	1.4	1476	1471	15
1471	1.4	1474	1469	15
1470	1.7	1472	1467	15
1470	1.8	1473	1468	15
1471	1.9	1473	1467	15
1471	1.7	1473	1467	15
1471	.8	1473	1470	13
1473	.7	1474	1472	12
1474	.7	1475	1473	12
1475	.5	1476	1475	12
1477	.5	1478	1477	12
1480	.7	1481	1479	10
1487	1.4	1488	1486	2
1496	n/a	n/a	n/a	1
1509	n/a	n/a	n/a	1
1515	n/a	n/a	n/a	1